



Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib

Innovation and Entrepreneurship Policy

(SGTBKC NISP)

Aligned with National Innovation and Start Up Policy 2019



Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib

Introduction

One of the strategic goals of the Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib is 'Entrepreneurial Learning'. The college has the belief that innovation and entrepreneurship are critical to address the challenges and problems being faced by all sections - industry, academia, policy makers and civil society. The college encourages innovation and entrepreneurship amongst all constituents - students, staff, and faculty.

Objectives

- Conduct programs, courses, events, challenges, and other engagements to ignite spirit of innovation and entrepreneurship among students, faculty, and civil community.
- Build a network with entrepreneurs, mentors, experts, and service providers to be leveraged for the benefit of the budding start-ups.
- Collaborate with academia, policy makers and industry for creation of research-based knowledge in innovation and entrepreneurship.

Vision

To create a centre of excellence for accelerating innovation and enterprise through cutting edge technologies and to change the entrepreneurial landscape in rural area.

Mission

Enabling young entrepreneurs in developing concept, design, prototyping and commercialization through providing a platform.

Scope

This Innovation and Entrepreneurship Policy provides the framework, rules and procedures for innovation, pre-incubation, incubation, and catalytic programs of the college and all the constituent entities. Apart from the students, alumni, staff and faculty of the college, the innovators, start-ups and industry teams associated with the college and the constituents will be covered under this policy.

Goals of Policy

There are two types of goals of innovation and entrepreneurship policy, short-term goals and long terms goals.

Short-Term Goals

To support and promote at least (A min target value) start-up ideas per academic year from students as well as staff.

To sign MoUs with other established industries, enterprises and incubation centres.

To establish incubators and accelerates to provide Startup with workspace, resources and support

Long-Term Goals

To help start-up find and enter markets, both domestic and international.

Nurturing Innovation & Startups

Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib will encourage and provide support to innovation activities and development of start-ups through the following.

- Institution Innovation Council which is a faculty, student centric body formed by the college under the Ministry of Education Innovation Council (MIC) initiative under All India Council for Technical Education (AICTE). The IIC would provide leadership in execution of activities at the college which would encourage, inspire, and nurture young students by exposing them to new ideas and process of resulting in innovative activities & entrepreneurial in their formative years. IIC members would include entrepreneurial faculty, students, industry, and experts from startup ecosystem.
- Innovation, Startup and Entrepreneurship Council (ISEC) is a Not-for-Profit Centre, promoted by Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib. We proposed to establish the centre as a platform for innovation, incubation, entrepreneurship and commercialization. To operationalize this vision, ISEC will have five centres that mutually support each other's' functions

Setting up of a Startup by students, staff, and faculty

Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib will encourage and allow its students, staff, and faculty to work on their innovative projects and setting Startups (including Social Startups)

or work as intern / part-time in startups while studying / working. Students would include both the currently enrolled and the alumni. The salient features are given below.

- Student Entrepreneurs can earn credits for working on innovative prototypes/ business models. The area in which student wants to initiate a startup may be interdisciplinary or multidisciplinary. The credits and the grading would be determined by a committee constituted by the Dean of Academic affairs of Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib.
- Student inventors would be allowed to opt for startup in place of their mini project / major projects and/or practice school projects.
- Students who are pursuing some entrepreneurial ventures while registered with college incubator would be allowed to use their address in the college to register their company with prior permission from the college.
- A 10% relaxation in the minimum attendance requirements may be given to the Students entrepreneurs to allow them to sit for the examination, with due permission from the Principal, ACE.
- In case of selection of a faculty or staff startup by an outside national or international accelerator, faculty and staff entrepreneurs may be eligible for a semester / year leave for working on Startups, as per rules and based on the recommendations of the institutional review committee. They would be allowed to resume their duties upon completion of the break period.
- The students, staff and faculty must describe how they will separate and clearly distinguish their ongoing research activities from the work being conducted at the startup.
- The college would provide the following to the students, staff and faculty registered with the college incubator.
 - Short-term entrepreneurship training.
 - Mentorship support on regular basis.
 - Facilitation in a variety of areas including technology development, ideation, creativity, design thinking, fund raising, financial management, cash-flow management, new venture planning, business development, product development, social entrepreneurship, product costing, marketing, brand-development, human resource management as well as law and regulations impacting a business.

- The college may also facilitate the startups to connect with other seed-fund providers/ angel funds/ venture funds or itself may set up seed-fund once the incubation activities mature.
- IPR benefits as per college policy.
- In return of the services and facilities, college may take 1% to 9.5% equity/ stake in the startup/company, based on brand used, faculty contribution, support provided and use of college's IPR as per Management or Governing Body Norms.
- For Startups where staff and faculty have substantial equity, college can take no-more than 20% of shares that staff/ faculty takes while drawing full salary from the university; however, this share will be within the 9.5% cap of company shares, listed above.
- No restriction on shares that faculty / staff can take, as long as they do not spend more than 20% of office time on the startup in advisory or consultative role and do not compromise with their existing academic and administrative work / duties. In case the faculty/ staff holds the executive or managerial position for more than three months in a startup, then they will go on sabbatical/ leave without pay/ earned leave.
- Startup may be given a cooling period of 3 months to use college's incubation services on rental basis to take a final decision on equity to be given to college or incubator in lieu of the services offered by the college/incubator.

The college would also provide services based on mixture of equity, fee-based and/ or zero payment model. So, a startup may choose to avail only the support, not seed funding, by the college on rental basis.

Access to IPR

Ideally students and faculty members intending to initiate a startup based on the technology developed or co-developed by them or the technology owned by the college, should be allowed to take a license on the said technology on easy term, either in terms of equity in the venture and/ or license fees and/ or royalty to obviate the early-stage financial burden. The decision and terms for such usage would be subject to the IPR policy of the college.

- When college's facilities / funds are used substantially or when IPR is developed as a part of curriculum/ academic activity, IPR is to be jointly owned by inventors and the college.
- Inventors and college could together license the product / IPR to any commercial organisation, with inventors having the primary say. License fees could be either / or a mix of
 - Upfront fees or one-time technology transfer fees.

- Royalty as a percentage of sale-price.
- Shares in the company licensing the product.
- If one or more of the inventors wish to incubate a company and license the product to the company, the royalties would be no more than 4% of sale price, preferably 1 to 2%, unless it is pure software product. If it is equity in the company, equity stake will again be 1% to 4%. For a pure software product licensing, there may be a revenue sharing to be mutually decided between the college and the incubated company.
- On the other hand, if product/ IPR is developed by innovators not using any of college facilities, and outside office hours (for staff and faculty) or not as a part of curriculum by student, then product/ IPR will be entirely owned by inventors in proportion to the contributions made by them. In this case, inventors can decide to license the technology to third parties or use the technology the way they deem fit.
- If there is a dispute in ownership, a minimum five-member committee consisting of two faculty members (having developed sufficient IPR and translated to commercialisation), two of the ACE's alumni/ industry resource 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 settle this, hopefully to everybody's satisfaction. College can use alumni/ faculty of other colleges as members if they cannot find sufficiently experienced alumni / faculty of their own.

Entrepreneurial Impact Assessment

Impact assessment of Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib entrepreneurial initiatives such as pre-incubation, incubation, entrepreneurship education would be performed on half yearly and annual basis using well defined evaluation parameters.

- Monitoring and evaluation of courses conducted, knowledge exchange initiatives, engagement of faculty in the entrepreneurial teaching and learning would be assessed.
 - Support system provided by the university to the student entrepreneurs, faculty and staff for pre-incubation, incubation.
 - Number of startups working with university incubator, graduate startups in the revenue stage. IPR creation and commercialisation.
 - Industry linkages, exposure to entrepreneurial ecosystem.
 - Grants, funding secured for university, university incubator and startups.

- College would participate in ARIIA and aim to improve the rankings on continuous basis. Formulation of strategy and impact assessment would go hand in hand. The information on impact of the activities would be actively used while developing and reviewing the entrepreneurial strategy.
- Impact assessment for measuring the success should be in terms of sustainable social, financial, and technological impact in the market. For innovations at pre-commercial stage, development of sustainable enterprise model is critical. Commercial success is the Only measure in long run.

NISP Core Committee Members:

Sr.No.	Name of Member	Member Type (Teaching)	Key Role/ Position assigned in IIC
1.	Dr. Jasvir Singh	Principal	Chairman
2.	Dr. Gurpreet Kaur	Teaching	President
3.	Dr. Parampreet Singh	Teaching	Vice President
4.	Prof. Tajinder Kaur	Teaching	Social-Media
5.	Prof. Paramjit Kaur	Teaching	
6.	Prof. Jatinder Singh	Teaching	
7.	Dr. Gagandeep Kaur	Teaching	Innovation Activity
8.	Dr. Tejinder Kaur	Teaching	
9.	Prof. Bhawna Thakur	Teaching	Internship Activity
10.	Dr. Mandeep Kaur	Teaching	
11.	Dr. Sarvan Kumar	Teaching	IPR Activity
12.	Dr. Sartaj Singh	Teaching	
13.	Dr. Hardeep Kaur	Teaching	Startup Activity

External Experts:

Sr. No.	Name	Key Role
1	Dr. Radhika Trikha	IIT, Ropar
2	Dr. Sarvan Singh	Industry Expert NIELIT
3	Dr. J.K. Sharma	Industry Expert

Student Coordinators:

Sr. No.	Name	Class	Key Role
1.	Arshpreet Singh	BCA Sem-V	Social Media
2.	Mohit Verma	BCA Sem-V	Social Media
3.	Harvinder Singh	MCA Sem-III	Innovation Coordinator
4.	Harshdeep Kaur	M.Sc. Zoology Sem-III	Startup Coordinator
5.	Ankita Sharma	B.Com. Hons. Sem-V	Startup Coordinator
6.	Manpreet Singh	B.Voc. SD Sem-V	Innovation, Startup Coordinator
7.	Tanvir Kaur	B.Sc. Sem-III	Internship coordinator
8.	Jasmine	B.Sc. Sem-V	IPR coordinator
9.	Jasmine Rana	B.Sc H Agr. Sem-VII	Internship coordinator
10.	Rajwinder Kaur	B.Sc H Agr. Sem-VII	IPR Coordinator
11.	Pallavi	B.Sc H Agr. Sem-VII	Innovation Coordinator
12.	Anmol Singh	B.Sc H Agr. Sem-VII	Innovation Coordinator



Principal

Sri Guru Teg Bahadur Khalsa College
Sri Anandpur Sahib (Ropar) Pb.

Dr. Jasvir Singh
Principal (Chairman)

Dated: 16-8-2024