

MESKC Innovation and Startup Policy 2021

Introduction

The Innovation and Startup Policy 2021 for students and faculty of MES Kalladi College, Mannarkkad will enable the Institution to actively engage students, faculty members and staff in innovation and entrepreneurship related activities. This framework will also spell out the terms for Intellectual Property ownership, technology licensing and institutional Startup policy, thus enabling creation of a robust innovation and Start up ecosystem across the Institution.

MES Kalladi College, is the proud symbol of the Muslim Educational Society, Calicut to the cause of higher education in Kerala, especially to the educationally backward areas of Malabar. Along with providing suitable higher education, we also aim to give a platform for innovation. Providing entrepreneurial opportunity has been one of the main focal points of our institution. MESKC Innovation and Startup Policy 2021 formulated in line with MHRD's NISP 2019 provides a formal framework for all entrepreneurial and innovation related activities of the College.

Vision & Mission

Vision

To boost the young minds with innovative ideas to become an entrepreneur, for social and economic growth of our society and nation

Mission

To provide a suitable environment with necessary infrastructure and support that enable students/faculties to nurture their ideas and to develop it into a venture with global standards.

Objectives

Short Term Objectives

1. To motivate students for creative thinking, building new ideas and for improving innovations.
2. To provide supportive and vibrant environment for the young innovators to become entrepreneurs
3. Improving adequate infrastructure facilities in the institution for supporting student/faculty/Alumni driven start-up.
4. To conduct Seminars, workshops, FDP, Interactive talks for students/faculties for promoting entrepreneurial culture.
5. Generating awareness among students and staff regarding IPR and patent related activities.
6. Strengthening the relationship between institute and the industries so as to utilise the potential of young minds to a higher level.

Long Term Objectives

1. Providing suitable ecosystem for students/faculties to design and develop novel products with global recognition
2. Enhancing the quality of research work among students and staff so as to attain a patent, which will help in commercial production.
3. Nurturing start-ups / enterprises (including social start-ups) by students, staff, faculties and alumni and generating revenue.
4. Giving incubation facilities to start-ups so as to help entrepreneurs to grow their business.
5. Education related to entrepreneurship should be provided to students through short/long term courses on innovation, entrepreneurship and venture development.
6. Finding potential partners for micro, small and medium sized enterprises (MSMEs), social enterprises, professional bodies and entrepreneurs to support entrepreneurship and to ensure maximum exploitation of entrepreneurial opportunities with industrial and commercial collaborators.

Strategies and Governance

- For the establishment of an innovative and entrepreneurial ecosystem, key performance indicators are identified for the institution based on Atal Ranking of Institutions on Innovation Achievements (ARIIA) Framework (Appendix 1).
- A group led by the Principal will be responsible for the college's entrepreneurial mission.
- Resources from both internal and external sources must be mobilized for I & E activities.
- Through conferences, convocations, workshops, webinars, sessions by industry experts, etc., the importance of innovation and the entrepreneurial agenda will be promoted.

Startups Enabling Institutional Infrastructure

Through ED Club and IEDC, facilities of the college shall be made available to students, faculty, staff and alumni in general in-return for fees, equity sharing and (or) zero payment basis.

Nurturing Innovations and Startups

- The institution will set up procedures and systems to make it simple for undergraduate, graduate, and doctoral students, staff, faculty, alumni, and potential start-up applicants from outside the institutions to launch and expand activities.

- This is done by motivating students and staff to work on creative projects, establish startups, or serve as interns or part-time employees in startups while still in college.
- Ideally students and faculty members intending to initiate a start up based on the technology developed or co-developed by them or the technology owned by the institute, 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.
- In return for the services and facilities, the institute may take 2% to 9.5% equity/ stake in the startup/ company, based on brand use, faculty contribution, support provided and use of the institute's IPR.
- The institute should also provide services based on a mixture of equity, fee-based and/ or zero payment model.
- Allow faculty and staff to take off for a semester / year as sabbatical/ unpaid leave/ casual leave/ earned leave for working on startups and come back.
- Institute will facilitate the startup activities/ technology development by allowing students to use institute infrastructure and facilities and provide them special attendance relaxation for works related to I & E
- I & E related activities shall be appraised at the end of every academic year.

Product Ownership Rights for Technologies Developed at Institute

- IPR must be jointly held by inventors and the institute when institute resources or funding are significantly employed or when IPR is generated as a component of a curriculum or academic activity.
- The product or intellectual property (IPR) may be licenced by inventors and the institution as a whole to any commercial entity, with inventors having the ultimate decision.
- One-time technology transfer fees, upfront fees, royalties as a percentage of the sale price, and shares in the firm that is licensing the product are all possible types of license costs.

- Product/IPR will be wholly owned by innovators in proportion to the contributions made by them, if it is produced by them without using any institute resources, outside of office hours (for staff and faculty), or not as a part of the curriculum by students.
- A minimum five-person committee, made up of two faculty members, two alumni/industry specialists of the institute and one legal advisor, would look into any ownership disputes after meeting with the inventors and assist them in resolving them. If an institution cannot find alumni or professors with the necessary experience from inside, it may use alumni or faculty from other institutions as members.
- In order to provide services to academics, staff, and students, the institute IPR cell will simply serve as a coordinator and facilitator. They won't be able to influence how the invention is used, how it is patented, or how it will be licensed.

Organizational Capacity, Human Resources and Incentives

Courses in innovation, entrepreneurship management, and venture development are promoted for faculty and staff.

Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

- The institutional entrepreneurial strategy should include educating academics, staff, and students about the importance of entrepreneurship and its involvement in career advancement or employment.
- It should be made clear to students and staff that innovation—whether in technology, business practices, or other areas—is a tool for addressing societal and consumer issues.
- By exposing students to training in cognitive skills, they should be encouraged to develop an entrepreneurial mindset through experiential learning.

- The institute's website will have a section devoted to highlighting events connected to I & E

Norms for Faculty & Students Startups

Faculty and Students start-ups will be supported by the institute. According to the needs determined on a case-by-case basis, the institution may decide to accept norms in this regard regularly proposed by the Kerala Higher Education Council and University of Calicut Kerala.

Facilities will be provided with the OD and Students will be eligible for the attendance relaxation while they lost their attendance in case of the participation regarding Innovation and Startup related activities.

Pedagogy and Learning Interventions for Entrepreneurship Development

- Organization of contests, training courses, workshops and other events will be promoted by student clubs, bodies, and departments.
- Sessions on the value of I&E must be included in the student introduction programme at the start of every programme so that newly enrolled students are informed of the institute's entrepreneurial goal..
- The focus of student inventions and projects should be on problems that exist in the actual world.

Collaboration, Co-creation, Business Relationships and Knowledge Exchange

To encourage entrepreneurship and co-design various programmes, the institution must discover suitable partners, resource organizations, micro, small, and medium-sized enterprises, social enterprises, schools, alumni, professional bodies and entrepreneurs.

Entrepreneurial Impact Assessment

Utilizing clearly defined evaluation criteria, impact assessments of the institute's entrepreneurial activities must be carried out on a regular basis. Key performance indicators will be evaluated and made verifiable and assessment will be based on the guidelines provided by the relevant authorities. The institution may decide to implement pertinent standards for facilities and support for faculty, staff, and students that are periodically proposed by The Kerala State Higher Education Council and University of Calicut, Kerala, depending on the needs that are determined on a particular scenario basis.

APPENDIX

KEY PERFORMANCE INDICATORS (KPI)

- Proportion of staff and students who were exposed to awareness and orientation initiatives.
- Number of students exposed to entrepreneurial education through traditional classroom settings, experiential learning initiatives, etc.
- Number of users using the amenities & infrastructure each year.
- Number of innovators/ entrepreneurs identified, recognized and awarded.
- Number of IPR based product/ services generated and registration filed.
- Number of trained professionals developed for advisory services
- Number of research studies on I & E published.
- Number of regional, national and international linkages established for the I & E activities.