

Vision Document

for

Proposed Design & Innovation Incubation Cell

At Govt. Degree College Sopore

District Baramulla, Kashmir, J&K UT – 193201

Background

Government Degree College Sopore is the Govt. College Affiliated to University of Kashmir, which has been established in Year 1951. As it is evident that the graduates produced across the State have been facing problem of unemployability and need many a times retraining in emerging areas of technology. The dynamic technology landscape demands learning on feet, but throws newer challenges as well as new opportunities to the young graduates. A paradigm shift is taking place where job seekers need to be converted into job creators, not just to provide opportunities to other graduating engineers but also add value to their education as engineers. The presence of a Design & Innovation Incubation Cell on the College campus, as the Start-up Ecosystem, shall drive the energy of the young students to creation of an enterprise rather than looking for job elsewhere.

In purview of above this proposal addresses a plan of establishing Design & Innovation Incubation Cell. It is developed on the basis of comprehensive surveys on the technology developments, available human resource of aspiring science and technology graduates, and industry trends. The plan aims to establish the Design & Innovation Incubation Cell through support from the State Government to leverage the talent and aspirations of graduates of the College for Opportunity Creation and wealth generation while meeting the immediate and future needs of the society and industry alike. The Cell shall provide an ecosystem to start-ups of enterprising students and immediate alumni of the College. The Cell shall provide working space at flexible lease, common office and Maker's laboratory facilities, business guidance, mentoring, and other technical resources in a network mode in the College. The Cell shall host approximately six to ten clients at a time in a new 3,000 square feet well equipped facility that would include a mix of office and lab space & necessary infrastructure for prototype building & legal support.

Need for Design & Innovation Incubation Cell (DIC)

J&K has tremendous potential for generating employment in the sectors of Information Technology, Electronic & Communication Technologies, Renewable Energy Development, Agro Based Industries & Horticulture. The required intervention in training and mentoring can become pivotal in helping un-employed youth to achieve

sustainable livelihood. The mentoring platform in the form of Design & Innovation Incubation Cell can provide mentorship, guidance and direction to budding entrepreneurs who under the supervision of Resource Persons will be guided to develop and test their prototypes and commercialize their ideas. The cell can become hub for the development and application of indigenous technology in a dynamic economic environment.

Objectives of Establishing DIC

1. To develop platform within the institution for designing and development, innovation creation and supported incubation activities.
2. To encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes and products of value.
3. To mentor and the incubates who has an innovative idea which can be transformed into commercially viable product in order to develop entrepreneurship.
4. To provide guidance to newly established start-up's and budding entrepreneurs to develop their capacities in screening ideas.
5. To provide financial support to incubates in the form of seed capital and developing linkages with Institutions running Centrally Sponsored Schemes for further augmentation and development of proprietary technology.
6. To work as entrepreneurship development centre within the College Campus.
7. To provide expert consultation to budding entrepreneurs and start-ups.

Stakeholders of DIC

- a. **Students** - UG and PG students of all disciplines of University and its affiliated colleges, during their course of study shall be covered under the Centre.
- b. **Faculty** - All teachers of the College and other colleges willing to translate their research and innovations into enterprises shall be stakeholders.

- c. **Staff** - All non-teaching staff members of the College and other colleges shall be eligible for activities under the centre.
- d. **Alumni** - The centre also cover graduates of the Colleges for three years from the date of their graduation of the last degree.
- e. **Industry** - Industry is a partner for identifying opportunities, providing support to the enterprise activities of students, faculty and staff in the Colleges.
- f. **Society** - The society shall be beneficiary of the innovations from the College and may participate in identification of problems to be solved and receive affordable solutions in return. A newer business enterprise may lead to employment opportunities in the area.
- g. **Professional, Technological and Financial Experts:** Technology Industry Representative(s), Technology Entrepreneur(s), Venture Capital Financial Institutions, Legal, Marketing, Accounting, Real Estate, Economic Development Agents, Strategic Linkages & Service Integration.

Activities to be Undertaken at DIC

- a. Identification of skills / area of activities for which small enterprises can be setup which have potential for employment and livelihood.
- b. Identification of 100 trainees per year for five years of the required qualification and aptitude for training / skilling / mentoring in different identified activities.
- c. Identification of trainers having requires skills and proven industrial experience.
- d. Identification of curriculum details / end level skill achievements after the completion short terms technical incubation courses.
- e. Identification of future employment potential in the different sectors of economy / industry and development of training / trainers interface for skilling the people to industry and economy needs.

- f. Start-up assistance and help in the form of monitoring, connecting to different institutions trainings and visits and success stories.
- g. The physical impact of the project will be 3500 persons shall be mentored for five years and development of products for which there is demand in the industry and will be connected to the industry and local economy in the areas of manufacturing / agri business / service sectors in the field for which there is scope of livelihood and value addition. It will have a measurable impact on the economy of the area and will vein away the youth from un-employment /non – productive activity which attracts them towards violence and will make them productive assets for the society.
- h. Quality control / assessments authority to verify the ideas, training and mentoring imparted and shall rope in industry experts and resource persons.

Core Competencies Available

Experts Available

1. Dr. Adil Zahoor MBA, Ph.D NET JRF (Astd. Professor)
2. Dr. Owais Charag – MBA, M.Phil, Ph.D, UGC NET, Dip. Computers (Astd. Professor)
3. Perzada Sajad Ahmad – MBA NET (Astd. Professor)

Infrastructure Available:

1. Smart Class Rooms fitted with Interactive Touch Board, Projector & All in One Desktop with Internet Connection.
2. Desktop Computers fully functional Computer Lab
3. Management book section at Library.

Proposed Funds Requirement

S.No	Particulars/ Specifications	Funds Requirement in Lacs
1.	Repair Renovation (Civil, Electrical & Furniture)	10.0
2.	Computers, Laptops, Projectors, Smart Boards, Video Conferencing Equipments, Power Backup UPS, etc.	15.0
3.	Remuneration to Resource Persons / Mentors Organizing Events / Workshops, Skill Courses, Design Marathons	10.0
4.	Seed Capital Money for Start – Up Entrepreneurs (Early & Late Start-up Ventures)	15.0
	Total (Rupees Fifty Lacs Only)	50.00
