DACE – Startup, Innovation, IPR Policy

CONTENTS

S.No.	DETAILS
1	VISION AND MISSION
2	COMMITTEE FOR NATIONAL INNOVATION START-UP POLICY (NISP)
3	DACE STRATEGIES AND GOVERNANCE FOR ENERGIZING INNOVATION AND ENTREPRENEURSHIP
4	CREATING HEALTHY STARTUP ENABLING ENVIRONMENT FOR ENTREPRENUERS IN INSTITUTION LEVEL
5	FOSTERING STARTUPS AND INNOVATIONS
6	NORMS FOR STUDENTS DRIVEN INNOVATIONS AND START-UPS
	NORMS FOR FACULTY START-UPS
7	MENTORING SUPPORT FOR STUDENTS AND FACULTY
8	PEDAGOGY & LEARNING INTERVENTIONS FOR SUPPORTING INNOVATIONS & START-UPS
9	ENTREPRENEURIAL IMPACT ASSESSMENT

DACE INNOVATION AND START-UP POLICY

VISION

To establish DACE Innovation Hub by cultivating the research practices with social responsibility and competency, leading to Innovation, Entrepreneurship and Technology-based Startups

MISSION

➢ DACE aims to promote the minds of faculty members and students to develop entrepreneurial agenda, to get more Intellectual property rights ownership, technological development and equity sharing in startups or starting of enterprises by providing good guidance and path.

➢ To create system and model for converting the present demographic dividend to high quality human resources through giving practices for capable of doing high end innovation research and deepest technological entrepreneurship

➢ To give curriculum towards starting of startups and entrepreneurship for students and faculty members

➢ To enhance core research oriented human resources and provide best teaching pedagogy in the terms of IPR, Technological development ideas, institutional startup policies, thus providing a good ecosystem for starting a startup through innovation across the DACE

➢ To help to promote more entrepreneurship is all about creating a business with good financial incomes

Committee for National Innovation Start-up Policy (NISP)

The **National Innovation Start-up Policy (NISP)** committee has been constituted to promote Innovation Start-up activities in our College and following are the members of the National Innovation Start-up Policy committee.

Sl No	Name of the Member	Designation
1	Dr.P.Paramasivan, Director	Director
2	Dr.G.Uma Gowri, Principal	Head of the Institution
3	Dr.J.Rahila, Dean Planning & Development	NISP Chairman
4	Dr.C.Satheesh, HoD MECH	NISP Coordinator
5	Dr.Vijaya Lakshmi, Associate Professor, Petroleum	IPR Coordinator
6	Ms.M.Saranya, HoD, CIVIL	Member - NISP
7	Ms.M.Shagar Banu, HoD, EEE	Member - NISP
8	Mr.N.M.Venkatesh, Assistant Professor, MECH	Member - NISP
9	Mr.R.Udhayakumar, India Operation Head, Segula Technologies, Chennai	Industry Member
10	Mr.M.Mohamed Ridwan, Managing Director, Millennium LED lighting Solution, Chennai	Alumni cum Startup Member
11	Mr.Mohammed PP, II-CSE	Student Member

DACE STRATEGIES AND GOVERNANCE FOR ENERGIZING INNOVATION AND ENTREPRENEURSHIP

NISP is one of the ways through open up channel for students and faculty members to promote healthiest mindset to enter into entrepreneurship for their career possibilities.

The following policies have been adopted to implement DACE INNOVATION STARTUP

- A dedicated DACE innovation hub and knowledge Centre with clear objective and associated performance metrics for assessment have been created for promoting entrepreneurial ecosystem within the institutions
- Provide startup policy and institutional policy to all students and faculty members to bring their innovative ideas and convert them into entrepreneurship through providing Unique innovation fund by the institute
- Getting funds from state and central government like MSME, AICTE, DST, DBT, NSTEDB, BIRAC etc it will be supported to promote the innovation and startup policy
- Fund rising efforts from getting sponsorship from Alumnae in order to promote DACE ISP
- DASE ISP organizing conferences, workshops, hands-on trainings, guest lectures and seminars to raise awareness about the value of the innovation and entrepreneurial agenda
- DACE has established students owned entrepreneurial cell for encouraging more students will get into the idea about to become entrepreneurs and start with enterprises.

CREATING HEALTHY STARTUP ENABLING ENVIRONMENT FOR ENTREPRENUERS IN INSTITUTION LEVEL

- DACE innovation hub and knowledge Centre acting as a incubation Centre within their institution for supporting the innovation cell, startup cell, Student and Faculty clubs from both internal and external resources.
- Awareness program and induction program conducted by DACE innovation hub and knowledge Centre helps the students to understand about entrepreneurship and innovation
- Students can achieve their entrepreneurial agenda through specializes workshops, hands-on training, short term course in IPR and various entrepreneurial trainings etc conducted by DACE innovation hub and knowledge Centre
- Institute should follow IIC guidelines also to promote entrepreneurship and startups
- Access to be given for entrepreneurs by using laboratories, Research lab facilities, IT services and training at inside of the institutions to develop their products which will be marketing.

- The incubation center has specialized selection committees for incubation and project monitoring made up of professionals in incubation and entrepreneurship, prototype development, IPR, marketing, finance, and technology.
- Students presented the product developed at the incubation Centre can be presented to selection committee members to get fund from state and central government fundings agencies
- Venture capitalist and angel investors also arrange from incubation Centre to market the product developed by students and provide support to scaling up their enterprises when the incubated students register their company.
- Faculty members those who are having entrepreneurship idea, their work load will be reduced in teaching and encourage them to contribute more on entrepreneurship and it will be included their annual academic permeance also.

FOSTERING STARTUPS AND INNOVATIONS

- DACE recommended to start the mechanism and the process for fostering the startup/incubation for UG/PG/PhD STUDENTS, faculty members, staff, alumnae and external applicants also.
- DACE provide incubation support to develop the product with mutual acceptable time frame
- DACE support to produce more products by using the institute labs and allow them to do part time job for marketing their products with distinct rules created by the institute in order to operate efficiently
- In order to avoid facing early-stage financials spending, DACE must permit licensing of IPR from the institute to start up for students and faculty members who seek to establish one on them own. This licensing should be in the form of equity in the enterprise, license fees, or royalties.
- Students those who have created a product and willing to make the proper business to sell the product in market, institute allow to register the business in the name of institute with the proper institutional approval.
- DACE should create an advisory committee to help the incubated students to provide the proper guidance to make the product.
- DACE aims to promote Technology development, technology demonstration and sell the product in market with the support of technology promotion agency.

NORMS FOR STUDENTS DRIVEN INNOVATIONS AND START-UPS

- Students have access to the incubation facilities for a mutually agreeable amount of time.
- Students those willing to become an entrepreneur, encouraged to register themselves in ED cell.
- Support to be given Students to attend training / Mentoring activities across India to enhance their skills.

- DACE to support incubated students with infrastructure, mentorship, seed funds, support for accounts, legal, patents etc.
- Provision of accommodation to the student entrepreneurs within the campus.
- Student entrepreneurs who fall short of attendance due to their involvement in entrepreneurial activity may be permitted to sit for the examination, by providing proof of work
- DACE can connect their startups and companies with real 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.

NORMS FOR FACULTY START-UPS

- Faculty members should get prior permission from the institute to associate with any business venture or to start with a new venture
- Faculty members have been encouraged to act as a board member with company to give consultation and take projects from company in order to provide solutions for their technical problems.
- Faculty may use institute lab facilities to complete the project for companies.
- Institute intends to support its members with infrastructure, mentorship support, seed funds, support for accounts, legal, patents etc.
- Participation in startup activity along with teaching and research activities, performance index will be added in their academic performance.
- Faculty may be encouraged to mentor student start-ups in which, they can also become a partner of the student Entrepreneurial activity with mutual agreement
- Developing a model and market the same, special incentives to be given to faculty members
- Faculty members will be encouraged to tie up with companies with the institute for startup and entrepreneurship activities.

MENTORING SUPPORT FOR STUDENTS AND FACULTY

- Mentoring facilities are provided exclusively for students and faculty members those who are involving in entrepreneurship by our faculty teams and industrial partners.
- Through mentorship more hands-on training and new trends which will be helpful for students and faculty members in incubation to develop the market needed products.
- The panel of industry members guides incubates in shaping up new ventures.
- Industry Involvement for incubates

- DACE promotes institutional preparations for industrial needs through getting Research projects and consultancy projects for students and faculty members

- DACE providing workshops, seminars, conferences and guest lectures by the support of industrial experts

- Through industry institute partnership cell DACE enhancing industrial related tailor-made syllabus for making students industry-ready by providing exposure to current industry practices and honing their skills to adapt to changing technologies.

- The primary focus is to interact with elite industries in and around Chennai and extend the efforts to establish a partnership with industries across the globe shortly.

- Technology development by using institutional usage and intellectual property

- DACE supports incubates by using laboratories to test their product at pre agreed rates

- DACE promotes to develop more patents as part of academic activity which is owned by members – as inventors – and the Institute if the Institutes' resources are utilized as a part of the essential requirement to undertake a particular research/activity.

- On the other hand, if product/ IPR is developed by innovators not using any institute facilities, 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, two of the institute's alumni/ industry experts and one legal advisor with experience in intellectual property will examine the issue after meeting the members and help them settle this, hopefully to everybody's satisfaction.

- DACE encouraging interdisciplinary research and more publication from startups

- DACE provide fund for filing patent under the institute names. If incubates filing the patent under his names, ownership goes to incubates.

PEDAGOGY & LEARNING INTERVENTIONS FOR SUPPORTING INNOVATIONS & START-UPS

- DACE created with diversified approach in teaching and learning pedagogy including cross disciplinary learning using mentors, labs, case studies, games, etc. in place of traditional lecture-based delivery. Experts from industry, mentors from different areas of business and enterprise will be the part of resource person team of this micro degree certification program.

- This program has adopted blended learning mode of pedagogy which consists of project and problem-based learning, online learning with MOOC platform and courses from course era. The learning journey of aspirant entrepreneur.
- To co-ordinate all student clubs, A dedicated innovation center is created by DACE and individual departments are also responsible for running technical hobby clubs, project workshops/labs.
- Entrepreneurship Center is responsible for organizing competitions, boot- camps, workshops, awards, etc. A separate E-cell run and administered by students is totally involved in strategic planning and implementation of these activities.
  Innovation champions should be nominated from within the students/faculty/ staff for each department/stream of study.
- Institute should start annual 'INNOVATION & ENTREPRENEURSHIP AWARD' to recognize outstanding ideas, successful enterprises and contributors for promoting innovation and enterprises ecosystem within the institute.

ENTREPRENEURIAL IMPACT ASSESSMENT

The following parameters to be considered for Entrepreneurial Impact Assessment are
- Utilization of incubation Centre by students
- Participation in awareness program
- Number of solutions addressed for real time problem
- Participation in various competition regarding entrepreneurship
- Participation for fundraising through government and non-government agencies
- Participation on research projects and consultancy projects
- Product development and marketing
- Producing more patents and publications
- Startup registration
- Annual turnover

The information on the impact of the activities shall be actively used while developing and reviewing the entrepreneurial strategy. The end impact score will be based on the Commercial Success of the Product that comes out of the Entrepreneurial / Startup activity.