

#### PANIMALAR INSTITUTE OF TECHNOLOGY

(A Christian Minority Institution)

Accredited by National Board of Accreditation (NBA)
Approved by All India Council for Technical Education, New Delhi
Government of Tamilnadu and Affiliated to Anna University
(An ISO 9001 - 2008 Certified Institution)

ISO 9001 : 2008
APPROVED BY IRQS

IRQS
ADEMARTMENT OF MICHAEL ACCREDITATION
SHIPPING COUNCE REA

SHIPPING COUNCE REA

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# NATIONAL INNOVATION AND STARTUP POLICY (NISP)

# Vision

Inspire students to become Entrepreneurs with Innovations, promote the ideas of Startups to improve the educational system, create employability, serve for betterment of Society and contribute to the development of the Institution and the Nation.

### **Mission**

Develop an Ecosystem in the Institution with prevalent infrastructure facilities by transforming the ideas suggested by the students, faculty members into prototypes with support from industry experts, academic experts, and other professionals.

### **Short Term Objectives**

- 1. Inculcate the concepts of Innovation, Entrepreneurship and Startups for students
- 2. Organize Workshops, Faculty Development Program, Guest Lectures, Seminars, relating to Entrepreneurship programmes, IPR and Innovations
- 3. Promote Incubation facility, Startups with support of Alumni.
- 4. Internships and Training Programmes with Industry Institute Interaction for benefit of students
- 5. Train the students to go for MSME registration and learn the latest skills relating to Startup India programs.

### **Long Term Objectives**

- 1. Increasing Research work in the Institution relating to Innovation in the Thrust areas.
- 2. Motivating the students to become Entrepreneurs and increase the Startups in the Institution.
- 3. Executing Sponsored Research via funds obtained from central government and state government sectors for Innovation and Entrepreneurship.
- 4. Developing the prospects of Intellectual Property Rights (IPR) for academic student projects contributing towards Innovation.
- 5. Increasing consultancy works in the Institution for developing industry collaborated laboratories for increasing Innovation.

# 1. Expert Committee Members

S. No.	Name	Position
1	Dr.T.JAYANTHY	
	Principal, Head of the Institution	Chairman
2	Dr.V.SUBEDHA	Member
	HOD, Computer Science Engineering (CSE)	
3	Dr.P.S.RAMAPRABA	Member
	HOD, Electrical and Electronics Engineering (EEE)	
4	Dr.M.P.CHITRA	Member
	HOD, Electronics and Communication Engineering (ECE)	
5	Dr.R.JOSPHINELEELA	Member
	HOD, Information Technology (IT)	
6	Dr.N.NITHYANANDAN	Member
	HOD, Mechanical Engineering (MECH)	
7	Dr.M.PREMKUMAR	Member
	Professor, ECE Department	
8	Dr.W.GRACY THERESA	Member
	Associate Professor, CSE Department	
9	Dr.S.SUMA CHRISTAL MARY	Member
	Associate Professor, IT Department	
10	Dr.I.POONGUZHALI	NISP Coordinator
	Associate Professor, ECE Department	
11	Dr.S.DEEPA	Member
	Professor, EEE Department	
12	Mr.AMOS GAMALEAL DAVID	Member
	Assistant Professor, Mechanical Engineering Department	
13	Mr.VIGNESH RAJENDRAN	Industry Expert
	CEO/cofounder, Excrin Think Labs LLP	
14	Dr.S.Doreen Robin,	Industry Expert
	Director, Computational Foundation (CIRF)	
15	Dr.J.BALAMURUGAN,	Industry Expert
	Assistant Executive Engineer/EE3/Coml, TANGEDCO	
16	Dr.N.R.SHANKER,	Industry Expert
	CEO, Chase Technologies, Chennai.	

# 2. Policy Problem/Thrust Area

S. No.	Plan	
1.	Panimalar Institute of Technology (PIT) Strategies & Governance for Promote	
	Innovation & Entrepreneurship	
2.	Creating Innovation Pipeline and Pathways for Entrepreneurs	
3.	Building Organizational Capacity, Human Resources and Incentives	
4.	Incubation support	
5.	IP Rights for concepts developed at PIT	
6	Assessing Entrepreneurial Performance	

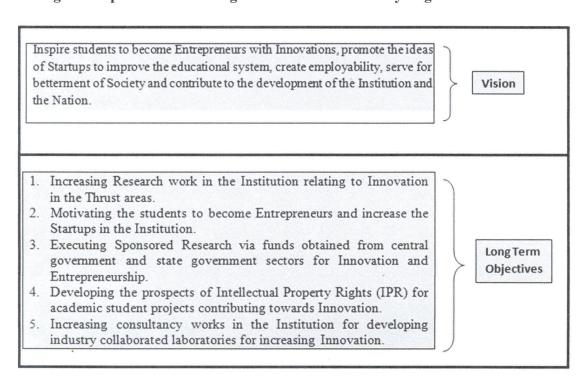
# 3. Benchmark - KPI Monitor & Evaluation

Hierarchy of Objectives	Key Performance Indicators (KPIs)	Means and Verification
Vision	<ul> <li>Increasing Innovation, IPR and Entrepreneurs in the Institution Panimalar Institute of Technology (PIT)</li> <li>Establishing more Startups</li> </ul>	ARIIA, NIRF Rankings
Goal/Impact	<ul> <li>Graduate students taking career as         Entrepreneurship         </li> <li>Using available Infrastructure in         Institution contributing to development         of Innovation &amp; Entrepreneurship in         PIT     </li> </ul>	Biannual Survey, ARIIA, NIRF Rankings
Outcomes	<ul> <li>Students and Faculty focusing         Entrepreneurship via training programs</li> <li>Students and Faculty instilled to go in         for Entrepreneurship via funding         agencies</li> <li>Commercialization of IPR /         Innovations developed in PIT</li> <li>Students and Faculty collaboration in         Startups</li> </ul>	Biannual Survey, News Letter / Magazines
Outputs	<ul> <li>Students educated with Entrepreneurial concepts via value added courses.</li> <li>Identification of Innovators, Entrepreneurs in the form of students and faculty</li> <li>Filing / Registration of IPR for Students and Faculty</li> <li>Expertise in all departments in the institution relating to Innovation, IPR and Entrepreneurship</li> </ul>	Biannual Survey, News Letter / Magazines
Activities	<ul> <li>Workshops, Seminars, Awareness and orientation of skill development training programs / FDPs</li> <li>Entrepreneurial Events conducted with stakeholders, students and faculty at Institution level</li> <li>Organizing Hackathon in the Institution</li> </ul>	Biannual Survey

### 4. Tentative plan for the next 5 years

S. No.	Activity	Frequency
1	Seminar on Innovation, IPR and Entrepreneurship	1/Year
2	Project Expo for Innovators across all departments in PIT	1/Year
3	Guest Lecture on Innovation, Startup and Entrepreneurship	1/Year
4	Industrial Visit to acquire knowledge on recent trends in all departments of Engineering for Innovation	1/Year
5	Engineers Day Celebration	`1/Year
6	Seminar on Funding opportunities in Central and State Government sectors	1/Year
7	PIT Hackathon	1/Year
8	Seminar on Startup, Technology Business Incubators (TBI)	1/Year
9	Awareness program on Intellectual Property Rights(IPR), Filing, Publishing and granting, Copy Rights	1/Year
10	Faculty Development Program on Innovation, IPR and Entrepreneurship	1/Year

# 5. Program Implementation-Using Problem Tree and Policy Logical Tools



Developing a
Critical Mass of
Motivated
Students &
faculties with
Entrepreneurial
orientation &
CL:III

•Motivated Student
and faculties
•Deliver Education
on Innovation &
Starups

Building Innovation & Early Stage Enterprises by supporting & enabling Access to Resource & Facilities at Institute

In-House Competency Development to Serve Potential and Early Stage Entrepreneurs Strengthen the Intra and Inter-Institutional linkage with Ecosystem Enablers at Different Level

Outcome

•Dedicated Facilities and Infrastructures •Enterprise Support

·Access to Resources

•In-house Trained Professionals •Active Advisory Services •Research & Advocacy

 Inter-Department linkage
 Inter- institutional linkages

\_Activities

•Organize Workshops /
Lectures/Seminars/
e-Talk/Boot Camp etc
•Conduct Online and
Class Room Education
& Training &
Mentoring
•Integration of
Experiential Learning

•Establishment of Startup Cell •Scout, Recognize Support Ideas, Innovation & Startups •Innovation & Startup Repository

Buildup

•Setup Advisory Service Expert Pool

•Training-FDPs, EDPs

•Incentives for experts
•Research Stud

•Research Studies & Advocacy Programs •Mentor, Startup Cell Network, Business & Referral Service

•Convergence and Leverage Govt. Schemes & Programs

• Organize National & Regional

Output

Resource Allocation, Financial/Budget. Human Resource, Material, Equipment etc.

.Input

PRINCIPAL

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