

Government Engineering College, Rajkot  
NISP Action Plan



Action Plan:- Planned Programs, Activities, Budget Allocation, and Annual Targets								
I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Unit of Measurement (KPIs)	Current Status (Baseline Value)	Budget Allocation /Collaboration (Resource/Source)	Annual Targets (Process/Output)		
						Year 1	Year 2	Year 3
<b>Objective 1:</b>  To establish institutional mechanisms, processes and guidelines to generate knowledge, intellectual properties and innovations from institute and commercialization of innovations through technology transfer, technology licensing and startups etc.	Generation and Promotion of Innovation Ideas with SSIP Eco System support	Success stories - Motivational session by Successful Entrepreneur/ Startup founder/ Startup Ecosystem front runner Startup in diverse Engineering branch	1) No/% of Student & faculty mass exposed to awareness/orientation building programs 2) No/% of Graduate students choose Entrepreneurship as career & # Increment/year	In Progress	In house experts/Industry liaisons & Innovation and start up practitioner	2 sessions	3 sessions	5 sessions
			No. of PoEs Submitted					
			No. of Students/Early stage startups formed/incubated					
		Orientation session on National Innovation & Start-up policy (NISP) and Workshop on NISP Implementation and challenges	1) No. of Orientation sessions/ workshops / webinars on National Innovation & Start-up policy (NISP) 2) Nos/% of student & faculty mass with entrepreneurship Orientation, # Increment/year	In Progress	-	1 session	2 sessions	3 sessions
	Motivation	Orientation session for all students & faculties of institute for the innovation	No. of orientation sessions / No. of Patents filed	In Progress	-	3 sessions	5 sessions	6 sessions
	Knowledge	Knowledge session for all students & faculties of institute for the innovation	1) Nos/% of Student & faculty motivated to start any entrepreneurial activity & #Increment/Year 2) No/% of In-house Expert Capacity available for Advisory Services & # Increment/year	In Progress	-	3 sessions	5 sessions	6 sessions
	Commercial aspect of start up	Mind to Market Workshop	1) No. of ideas incubated no. of products finalized	In Progress	Industry persons or start up incubated	1 session	2 sessions	2 sessions

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<b>Objective 2:</b> To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial orientation & skill set.	Generation of Innovations/ ideas with the support of HEI	Workshop/Webinar/Expert Talk on Innovations	No. of Students and faculties attended the Workshop/Webinar/Expert Talk	In progress	-	2 sessions	2 sessions	2 sessions
		Competition on Ideation (IoT/AI/ML/ Robotics)	No. of Ideas presented by students	Successfully Running	-	1 session	1 session	1 session
		Participation in State / National Level Hackathon	1) No. of Campus Hackathons Organized 2) No. of Regional / National Startup Awards 3) No. of Teams Participated	In Progress	-	No. of Hackathons organized at State/National Level	No. of Hackathons organized at State/National Level	No. of Hackathons organized at State/National Level
	Awareness about Intellectual Property (IP), Generation & Commercialization	Session on Patent Registration process	No. of awareness sessions and advocacy meetings arranged	In Progress	-	1 session	2 sessions	3 sessions
		Seminar on copyrights & design registration	No. of awareness sessions arranged	In Progress	-	1 session	2 sessions	3 sessions
		Workshop on Intellectual Property Rights (IPRs) & IP management for startups	1) No. of IPR/Innovations developed for commercialization 2) No. of awareness sessions arranged 3) No. of total hours of participation	In Progress	-	1 session	2 sessions	3 sessions
<b>Objective 3:</b> To build and strengthen the in-house mentor pool and human resource capacity to drive campus I&E activities; identifying, handholding and guiding potential/early stage entrepreneurs, student innovators at the Institute on regular basis.	Training for the faculties for the Innovation Ambassador	Inspiring faculties to become Innovation Ambassador	No. of faculties trained in Foundation Level & Advanced Level	10 faculties have already completed Fundamental level IA Training	Innovation Cell, MoE	Target achieved: 10 faculties completed Fundamental level IA Training	Participation of 5 faculties for Advanced Level IA Training	Participation of 5 faculties for Advanced Level IA Training
		Inspiring faculties to visit industry for the kind of the innovative practices going on in the industry.	1) Total no. of industry visits, 2) No. of faculties visited industry, 3) No. of Innovation practices suggested 4) Network Established with connecting multiple stakeholders & Ecosystem Enablers	In Progress	Innovation Cell, MoE	5 faculties	5 faculties	5 faculties

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<b>Objective 4:</b> To build infrastructure support and facilities to promote innovation & startup and enabling environment of easy access to resources within an outside the institute.	Developing infrastructure for Incubation and Preincubation centers	To set up well equipped Incubation and Preincubation centers	No. of faculties and students utilizing the infrastructure	Pre incubation center is already there in the institute	SSIP Grant	Target achieved: Pre incubation center is already there in the institute	-	-
	Developing Design Lab	To set up well equipped Design Lab	No. of faculties and students utilizing the infrastructure	Yet to be started	-	-	Design Lab	-
	Developing Tinkering Lab	To set up well equipped Tinkering Lab	No. of Students taking benefit	Yet to be started	-	-	-	Tinkering Lab
<b>Objective 5:</b> To strengthen the intra and interinstitutional partnership and collaboration with ecosystem at different level and cocreation of new program interventions.	Developing strong relationship with industries by organizing Collaborative activities with the industries	Joint Workshops	No. of joint workshop in a calendar year, No. of participant hours in collaborative workshops	In Progress	-	1	2	5
		MoUs with Industry / Industry Organizations	No. of MoUs signed, No of Regional, National and International linkages established for the start-up & innovation	Yet to be started	-	5	10	20
		Joint Training Program	No. of Industry Professional trained	Yet to be started	-	1	2	2
		Industry Sponsored Projects	No. of Students working on Industry sponsored projects	Yet to be started	-	1	2	3

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