

**Mehr Chand Mahajan DAV College for Women, Chandigarh**  
**National Innovation Startup Policy - 2021 Implementation**

**Annexure -I: 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 (yearly basis) /Collaboration (Resource/ Source)	Annual Targets (Process/Output)		
						Year 1	Year 2	Year 3
Objective 1: To establish institutional mechanisms, processes and guidelines to generate knowledge, intellectual properties & innovations from institute and commercialization of innovations through technology transfer, technology licensing and startups etc.	Innovation	1.Q1: National Innovation Day (Essay Writing Competition) 2.Q1: Motivational session by Innovator	6	0	4000	2	2	2
	Entrepreneurship	1.Q1: Workshop on Innovation and Entrepreneurship as Career opportunity 2.Q1: Role of NEP in Innovation and Entrepreneurship	6	0	4000	2	2	2
	JPR	Q1: Awareness sessions by JPR Innovation Ambassador Q2: Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies & Tech-Transfer"	6	0	4000	2	2	2
	Pre incubation, Incubation and startups	1.Q1: Celebrating India startup day (PPT) 2.Q1: Role of NISP in cultivating Startup Culture	6	0	4000	2	2	2



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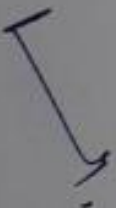
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 Mehr Chand Mahajan  
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Objective 2: To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial orientation & skill set.	Innovation	1. Q2: Workshop on Design Thinking, Critical Thinking and Innovation Design 2. Q2: Innovative ways to Control Pollution-Celebrating National Pollution Control Day on Dec 2	6	0	4000	2	2	2
	Entrepreneurship	Q2: Workshop on Entrepreneurship skill, Attitude and behaviour Development Q4: Lean start-up and minimum Viable product/Business	6	0	4000	2	2	2
	IPR	Q3: Workshop on IPR and IP management for Startups Q3: IPRs and Chemistry	6	0	4000	2	2	2
	Pre incubation, Incubation and Startups	1. Q2 Role of Startups in energy Conserving (National Energy Conservation Day-India on December 14) 2. Q3: Session on how to plan for startups and Legal & ethical Steps	6	0	4000	2	2	2



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Objective 3: 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.	Innovation	1 Q2: Exposure/Field visit for problem identification to rural areas/research labs, makers space, design centres, city clusters. 2 Q2: Innovations that define India for celebrating National Science Day on Feb 28, 2022	6	0	10000	2	2	2
	Entrepreneurship	Q2: Session on Social Entrepreneurship Q4: Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs	6	0	4000	2	2	2
	IPR	Q3 Celebrating April 26 - World Intellectual Property Day Q3: Session on identifying Intellectual Property Component at the early stage of Innovation	6	0	4000	2	2	2
	Pre incubation, Incubation and startups	1. Q1 Motivational session by a Startup Founder 2. Q3: Exposure /Field visit to Incubation Unit/Patent facilitation Centre/ Technology Transfer Center	6	0	4000	2	2	2



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*Mrs. Nidhi Sharma*  
 Mrs. Nidhi Sharma  
 NISP Implementation Coordinator  
 Date: 18.10.2021

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 Dr Indu Arora  
 Vice President, IIC@MCM

*Nisha*  
 Dr Nisha Bhargava  
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Objective 4: To build infrastructure support and facilities to promote Innovation & startup and enabling environment of easy access to resources within or outside the Institute.	Innovation	1 Q2 To pitch the ideathon/problem statement competition (Hackathon) Q2: Session on how to develop Proof of Concept for Innovative Ideas	6	0	4000	2	2	2
	Entrepreneurship	1. Q3 Celebrating April 22 - World Earth Day 2 Q3 Workshop on Business Model Canvas 1. Q4 Workshop on Legal framework related to IPR and IP Management	6	0	4000	2	2	2
Objective 5: To strengthen the Intra and Inter-Institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions	Pre incubation, Incubation and startups	1. Q4 Role of Incubation Units/startups in nurturing Innovative Ideas 2. Q4: Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	6	0	4000	2	2	2
	Innovation	1. Q1: Field Visit for Problem Identification 2. Q3 Celebrating National Technology Day on May 11	6	0	4000	2	2	2
	Entrepreneurship	1. Q4 Celebrating World Entrepreneurs Day by Arranging session by Innovation Ambassadors 2. Q4 (self driven). Prototype competition to invite innovative business model from students and faculties	6	0	4000	2	2	2
	IPR	1. Q4: Session on IPR filing and processing. 2 Q4 Celebrating World Environment Day (IPRs related to environment)	6	0	4000	2	2	2
	Pre incubation, Incubation and startups	Q4 Sessions on Converting Innovator/ prototype into a startup	5	0	2000	1	2	2
	Total				82000			

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Annexure :2: Action Plan - Planned Programs, Activities, Budget Allocation, and Annual Targets

I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Responsibility Unit/Dept/ Person in charge	Timeline (Academic Year)					
				Year 1 Quarter 1	Year 1 Quarter 2	Year 1 Quarter 3	Year 1 Quarter 4	Year 2	Year 3
Objective 1: To establish institutional mechanisms, processes and guidelines to generate knowledge, intellectual properties & innovations from institute and commercialization of innovations through technology transfer, technology licensing and startups etc.	Innovation	1 Q1: National Innovation Day (Essay Writing Competition) 2 Q1: Motivational session by Innovator	1. Ms Sandeep & Ms Sonali (Computer Dept) 2. Dr Vandana Sharma, Dr Sandeep & Dr Gurpreet <i>Dr. Haryat</i>	2	0	0	0	2	2
	Entrepreneurship	1 Q1: Workshop on Innovation and Entrepreneurship as Career opportunity 2 Q1: Role of NEP in Innovation and Entrepreneurship	1. Dr Vandana Sharma, Dr Sandeep & Dr Gurpreet 2. Ms Punam & Comp Dept <i>Dr. Haryat</i>	2	0	0	0	2	2
	IPR	Q1: Awareness sessions by IPR Innovation Ambassador Q2: Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialization of Lab Technologies & Tech-Transfer"	1. Ms Nidhi Sharma, Dr Manika & Ms Manmeet 2. Ms Sidaq, Dr Jagneet & Ms Sonali	1	1	0	0	2	2
	Pre incubation, Incubation and startups	1 Q1: Celebrating India startup day (PPT) 2 Q1: Role of NISP in cultivating Startup Culture	1. Ms Manmeet & Ms Monika (Computer Dept) 2. Dr Kiran Jindal & Startup Cell	2	0	0	0	2	2



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Objective 2: To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial orientation & skill set	Innovation	1.Q2: Workshop on Design Thinking, Critical Thinking and Innovation Design 2. Q2: Innovative ways to Control Pollution-Celebrating National Pollution Control Day on Dec 2	1: Dr. Purnima & Dr. Jasleen 2: Dr. Shafiq, Dr. Rishu, Dr. Nisha Dawra & Science Club	0	2	0	0	2	2
	Entrepreneurship	Q2: Workshop on Entrepreneurship skill, Attitude and behaviour Development Q4: Lean start-up and minimum Viable product/Business	1. Ms Chris Bindra, Dr. Amandeep 2. Ms Chris Bindra Dr. Amandeep	0	1	0	1	2	2
	IPR	Q3: Workshop on IPR and IP management for Startups Q3: IPRs and Chemistry	1: Ms Dishu sharma, Ms Sidaq & Dr. Nidhi Tarwar 2. Dr. Shafiq, Dr. Rishu & Dr. Nisha Dawra	0	0	2	0	2	2
	Pre incubation, Incubation and Startups	1. Q2 Role of Startups in energy Conserving (National Energy Conservation Day- India on December 14) 2. Q3: Session on how to plan for startups and Legal & ethical Steps	1. Dr. Neetu & Renewable Energy Club 2. Dr. Arshdeep & Dr. Nidhi Tarwar	0	1	1	0	2	2



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Objective 3: 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.	Innovation	1Q2: Exposure/Field visit for problem identification to rural areas/research labs, makers space, design centres, city clusters. 2 Q2: Innovations that define India for celebrating National Science Day on Feb 28, 2022	1. Dr. Vandana Sharma & Dr. Sandeep 2. All Science Deptt under Science Club	0	2	0	0	0	2	2
	Entrepreneurship	Q2: Session on Social Entrepreneurship Q4: Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs	1. Dr Sunaina & Dr Ketaki 2. Dr Nidhi Tanwar, Dr Manpreet & Dr Japneet	0	1	0	1	2	2	
	IPR	Q3 Celebrating April 26 - World Intellectual Property Day Q3: Session on Identifying Intellectual Property Component at the early stage of Innovation	1. Ms Sidaq, Nidhi Tanwar & Dr Manpreet 2. Ms Disha Sharma, Dr Manpreet & Dr Japneet	0	0	2	0	2	2	
	Pre incubation, Incubation and startups	1. Q1 Motivational session by a Startup Founder 2. Q3: Exposure /Field visit to Incubation Unit/Patent facilitation Centre/ Technology Transfer Center	1. Dr Kiran Jindal & Startup Cell 2. Dr Renu Bala & Physics Deptt	1	0	1	0	2	2	



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Objective 4: To build infrastructure support and facilities to promote innovation & startup and enabling environment of easy access to resources within or outside the institute.	Innovation	1. Q2 To pitch the ideathon/problem statement competition (Hackathon) Q2: Session on how to develop Proof of Concept for Innovative ideas	1. Ms Punam & Computer Deptt 2. Dr Neetu & Dr Vandana Sharma	0	2	0	0	0	2	2
	Entrepreneurship	1. Q3 Celebrating April 22 - World Earth Day 2. Q3 Workshop on Business Model Canvas	1. Dr Shafila & Env Club 2. Dr Manika Kohli, Ms Manmeet & Ms Monika	0	0	2	0	0	2	2
	IPR	1. Q4 Workshop on Legal framework related to IPR and IP Management	Dr Renu Bala & Physics Deptt	0	0	0	1	2	2	2
	Pre incubation, Incubation and startups	1. Q4: Role of Incubation Units/startups in nurturing Innovative Ideas 2. Q4: Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	1. Dr Arshdeep & Dr Manpreet 2. Dr Neetu & Zoology Deptt	0	0	0	2	2	2	2



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 Date : 18.10.2021

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 Dr Indu Arora  
 Vice President, IIC@MCM

*Nisha*  
 Dr Nisha Bhargava  
 Principal & President, IIC@MCM  
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Objective 5: To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions	Innovation	1. Q1 : Field Visit for Problem Identification 2. Q3 Celebrating National Technology Day on May 11	1. Dr Purnima & Dr Jasleen 2. Ms Punam & Computer Deptt	1	0	1	0	2	2	2
Entrepreneurship	1. Q4 Celebrating World Entrepreneurs Day by Arranging session by Innovation Ambassadors 2. Q4 (self driven), Prototype competition to invite innovative business model from students and faculties	1. Q4: Session on IPR filing and processing. 2. Q4 Celebrating World Environment Day (IPRs related to environment)	1. Dr Ritika Bansal & Computer Deptt 2. Dr Manika Kohli, Ms Manmet & Ms Monika	0	0	0	2	2	2	2
IPR			1. Dr Rishu & Dr Nisha Dawra 2. Dr Shafila and Env Club	0	0	0	2	2	2	2
Pre incubation, Incubation and startups	Q4: Sessions on Converting Innovation/ prototype into a startup		Ms Nidhi Sharma & Dr Manpreet/Dr Manika Kohli	0	0	0	1	2	2	2

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**Annexure 3: Suggestive List of Key Performance Indicators (KPIs)**

Hierarchy of Objectives	Key Performance Indicators (KPIs)	Milestones/Targets	Time Line		
			Y1	Y2	Y3
Vision	<ol style="list-style-type: none"> <li>1. % Increase in Self-Employment Rate among graduate students over years</li> <li>2. No of Established Start-ups/Innovations</li> </ol>	3%	1%	1%	1%
Goal/Impact	<ol style="list-style-type: none"> <li>1. Enabling Environment Established with multiple level of support for innovation &amp; Entrepreneurship in Institute</li> <li>2. No/% of Graduate students choose Entrepreneurship as career &amp; # Increment/year</li> <li>3. No/% of Student and Graduates Practicing Entrepreneurship &amp; # Increment/year</li> </ol>	3%	1%	1%	1%
Outcomes	<ol style="list-style-type: none"> <li>1. Nos/% of student &amp; faculty mass with entrepreneurship Orientation, # Increment/year</li> <li>2. Nos/% of Student &amp; faculty motivated to start any entrepreneurial activity &amp; #Increment</li> <li>3. No of IPR/Innovations developed for commercialization &amp; Increment/year</li> <li>4. No of Student/Early Stage Start-ups formed &amp; Increment/year</li> <li>5. No/% of In-house Expert Capacity available for Advisory Services &amp; # Increment/year</li> <li>6. % of Satisfaction over Advisory services offered to Innovators &amp; Early Stage Entrepreneurs</li> <li>7. Network Established with connecting multiple stakeholders &amp; Ecosystem Enablers</li> </ol>	10%	3%	3%	4%



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<p style="text-align: center;"><b>Outputs</b></p>	<ol style="list-style-type: none"> <li>1. No/% of Student &amp; faculty mass exposed to awareness/orientation building programs</li> <li>2. No/% of Students covered through entrepreneurship Education, MOOC, Class Room, Experiential Learning programs etc. &amp; # Increment/year</li> <li>3. No of beneficiaries are accessing the infrastructure &amp; facilities per day, month &amp; # Increment</li> <li>4. No of innovators identified; No of awarded, /recognised; No of Supported, &amp; # Increment</li> <li>5. No of Entrepreneurs identified; No of awarded, /recognised; No of Supported, &amp; # Increment</li> <li>6. No of Student projects turns to (commercialize) Innovations</li> <li>7. No of IPR based product/services generated and registration filed</li> <li>8. No/% of in-house trained professional developed for advisory services &amp; # Increment</li> <li>9. No of Research Studies on Entrepreneurship published</li> <li>10. No of Regional, National and International linkages established for the start-up &amp; innovation</li> <li>11. No/% Representatives of experts &amp; entrepreneurial students across Dept &amp; Disciplines.</li> <li>12. No of Beneficiaries Referred to Incubators/investors for further support through Start-up Cell</li> <li>13. No of Beneficiaries generated under various schemes and programs leveraged and converged at Start-up Cell</li> </ol>		10%	3%	3%	4%
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*Mrs Nidhi Sharma*  
**Mrs Nidhi Sharma**  
 NISP Implementation  
 Coordinator  
 Date: 18.10.2021

Activities (Input)		10%	3%	3%	4%
1. No and types of Education/Skill certification program on Entrepreneurship, IPR, Innovation etc. 2. No of workshops, awareness, market outreach events, orientation, advocacy meetings etc. 3. No of networking event (Intra and Inter- institutional, enablers, stakeholders) organized 4. No of skill and competency development training programs/FDPS/EDPs organized 5. No of research studies related to Entrepreneurship conducted 6. No of convergence and leverage with schemes/programs offered by major enablers 7. No of national and regional award and campus Hackathon like events organized 8. Incentivising Entrepreneurship and Innovation; services and facilities; Start-up Manual, policies, tool kits etc. 9. Amount of total budget/year spend against total institution revenue for start-up 10. Budget allocation and Spend ratio for the start up mandate in institute					

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