

**COLLEGE OF ENGINEERING PUNE**  
(An Autonomous Institute of Government of Maharashtra)  
Shivajinagar Pune-411005

**Action Plan Format to be implemented through IIC at HEI**

**Vision/Goal of I&E Policy & Action Plan:**

The I&E policy set vision and set directional support to HEIs. It aims at adopting innovative and entrepreneurial strategies and approaches at all level of HEI to establish, streamline and strengthen the I&E ecosystem to generate quality innovations and entrepreneurs.

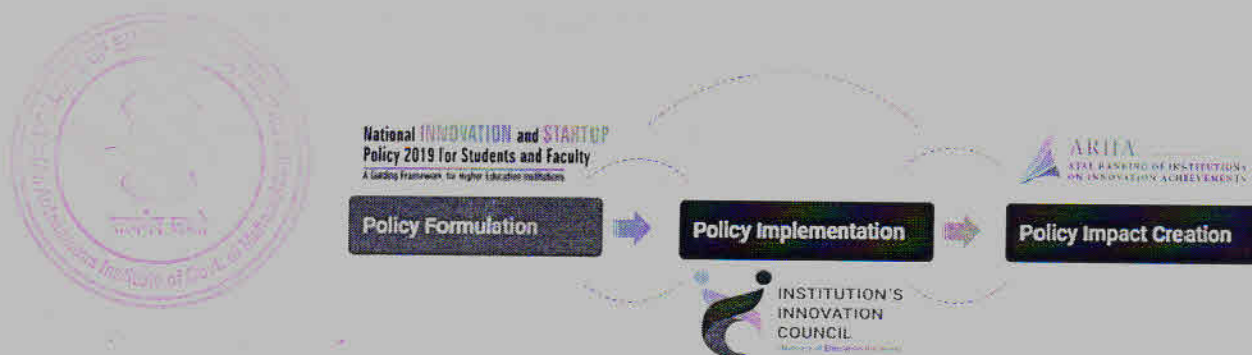
The action plan is a roadmap to achieve I&E policy goal by setting objectives and activities to be undertaken in the specified timeline with defined targets and milestones.

Both I&E policy and action plan adopts a monitoring and impact evaluation methodology which ensures all planned programs and activities progress as desired and accomplish the goal.

**Objective of I&E policy along with the action plan:**

1. 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.
2. To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial orientation & skill set.
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.
4. To build infrastructure support and facilities to promote innovation & startup and enabling environment of easy access to resources within an outside the institute.
5. To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions.

**Implementation of I&E Policy and Action Plan**



**Annexure - 1: Action Plan Format**

**Annexure - 2: Timeline and Progress Tracking Sheet**

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

**Annexure - 4: List of Activities prescribed under IIC Calendar Activities**

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## 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 /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.	Innovation Research	Courses offered in curriculum on Design thinking, innovations and entrepreneurship	Number of course offered	5 Design thinking, Innovation, Entrepreneurship IPR, Research Methodology,	10,000,00	3500 students	4000 students	4500 students
		Workshop on Entrepreneurship and Innovation as Career Opportunity	No of student and faculty participations	200 + 25	10,000	200+100	250 +150	350+200
		Formation of review committee and Governance committee to facilitate the student innovation & start ups	Established/not established	Yes	-	10 startups	20 startups	50 startups
		Formulation of registration process of innovations and start ups	Established/not established	Yes	-	10 startups	20 startups	50 startups
		Setting up of IPR cell	Established/not established	Yes	-	75 IPs	100 IPs	200 IPs
		IPR Awareness Week	No of student and faculty aware about IPR	200 + 50	25000/-	500+100	1000+150	2000+200
		My Story- Motivational Session by Successful Entrepreneur/ Startup Founder/ Innovators	No of students and faculty participations	200 + 20	10,000	200 + 20	300 + 30	400 + 40
		My Story- Motivational Session by Successful Entrepreneur/ Startup Founder/ Innovators	No of students and faculty participations	200 + 20	10,000	200 + 20	300 + 30	400 + 40
		Workshop on Design Thinking, Critical Thinking and Innovation Design	No of student and faculty participations	200 + 20	10,000	200 + 20	300 + 30	400 + 40
		Promotion of Startup ecosystem	Session on Problem Solving and Ideation Workshop	No of student and faculty participations	200 + 20	10,000	200 + 20	300 + 30
<b>Objective 2:</b> To Develop a critical mass of motivated students & faculties with creative potential and entrepreneurial orientation & skill set								

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<p><b>Objective 3:</b> To build and strengthen the in-house mentor pool and human resource capacity to drive campus I&amp;E activities; identifying, handholding and guiding potential/early stage entrepreneurs, student innovators at the Institute on regular basis.</p>	<p><b>Pre incubations</b></p>	Creating a pool of mentors/experts from different fields & investors and alumni from start up ecosystem	Established/not established	Yes	-	25+25+25	50+50+50	50+50+50	
		Setting up of students' club working in the field of innovation & entrepreneurship related activities	Established/not established	Yes	800,000	200 + 10	300+10	500+10	
		Setting up of Institute innovation council	Established/not established	Yes	-	-	-	-	
		Adoption of NISP by establishing institute's startup & innovation policy	Adopted/not adopted	Yes	-	-	50beneficiaries	100 beneficiaries	More than 100 beneficiaries
		Exposure and Field visit for problem identification	No of student and faculty participations	100+10	100000	2 visits	5 visits	More than 5 visits	
		Idea Competition	Number of ideas presented in the competition	25	50000	25	50	More than 50	
		Startup Pitching Competition/B-Plan Competition	Number of Startup participated	25	50000	25	50	More than 50	
		Session on Business Model Canvas	No of students and faculty participations	100+10	10000	At least 2 mentoring sessions	More than 2 mentoring sessions	Mentoring sessions as much as a student needs	
		Session on Angel investment VC funding opportunity for early stage entrepreneurs	No of students and faculty participations	25+5	10000	Atleast 1 meeting	2 meetings	More than 2 meetings	
		Seed funding provided to startup	Amount of seed funding and number of startups benefited with seed funding	Rs.5000000/- & 10 startups	2000000/-	Funding for 10 startups	Funding for 20 startups	Funding for more than 20 startups	
Conduction of start up Fest (an exhibition of start ups & a conclave of investors & mentors)	No of participating startups & investors	100 +50	14,000,00	100 startups + 20 innovations + 50 investors +mentors	150 startups + 50 innovations + 50 investors +mentors	150 startups + 50 innovations + 50 investors +mentors			


  
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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.	<b>Resource Development</b>	Establishment of Idea and Innovation Lab	Number of beneficiaries accessing the infrastructure	Established	50000	100	200	More than 200
		Establishment of FAB Lab	Number of beneficiaries accessing the infrastructure	Established	100000	100	200	More than 200
<b>Objective 5:</b> To strengthen the intra and inter-Institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions.	<b>Networking</b>	Establishment of co working spaces for students	Number of beneficiaries accessing the infrastructure	Established	50000	10	25	100
		Establishment of knowledge bank for ready reference of students	Number of beneficiaries accessing the infrastructure	Established	50000	500 beneficiaries	1500 beneficiaries	More than 1500 beneficiaries
		Collaboration with institutes of repute for conduction of various activities	No of institutes	Established: TIF, Wadhvani, IIT Bombay & Kharagpur, Software Technology Parks of India, Science & Technology Park	50000	6	10	More than 10
		Advisory service provided to innovators and startup	No. of startups benefitted	Established	50000	5	10	More than 10
		Participating in Hackathons & activities conducted by other institutes.	No of participants	50 students + 5 faculty	100000	20	50	More than 50
		Networking with angel investors & venture capitalists	No of beneficiaries	25	50000	25	50	More than 50



  
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<p><b>Objective 3:</b> To build and strengthen the in-house mentor pool and human resource capacity to drive campus I&amp;E activities, identifying, handholding and guiding potential/early stage entrepreneurs, student innovators at the Institute on regular basis.</p>	<p><b>Pre incubations</b></p>	Creating a pool of mentors/experts from different fields & investors and alumni from start up ecosystem	Faculty mentors of Bhau's Innovation & entrepreneurship cell	Q1	Q2	Q3	Q4	✓	✓	
		Setting up of students' club working in the field of innovation & entrepreneurship related activities	IIC & COEP management	Established and already working						
		Setting up of Institute innovation council	COEP management	Established and already working						
		Adoption of NISP by establishing institute's startup & innovation policy	COEP management & Faculty mentors of Bhau's Innovation & entrepreneurship cell	Policy already in place, implementation in process					Complete implementation	
		Exposure and Field visit for problem identification	Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Q1					✓	✓
		Idea Competition	Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Q1						
		Startup Pitching Competition/B-Plan Competition	Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Q2						
		Session on Business Model Canvas	Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Q3						
		Session on Angel investment, VC funding opportunity form for early-stage entrepreneurs	IIC & Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Q4						
		Seed funding provided to startup	COEP management & Faculty mentors of Bhau's Innovation & entrepreneurship cell	In all quarters						
Conduction of startup Fest (an exhibition of startups & a conclave of investors & mentors)	IIC & Bhau's Innovation & entrepreneurship cell – a students' body mentored by faculty	Conducted every year						✓	✓	



	Creating a pool of mentors/experts from different fields & investors and alumni from start up ecosystem Setting up of students' club working in the field of innovation & entrepreneurship related activities Setting up of Institute innovation council Adoption of NISP by establishing institute's startup & innovation policy	Faculty mentors of Bhaui's Innovation & entrepreneurship cell IIC & COEP management	Q1	Q2	Q3	Q4	√	√	
	Exposure and Field visit for problem identification	COEP management & Faculty mentors of Bhaui's Innovation & entrepreneurship cell Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty	Q1					√	√
	Idea Competition	Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty	Q1						
	Startup Pitching Competition/B-Plan Competition	Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty		Q2					
	Session on Business Model Canvas	Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty			Q3				
	Session on Angel investment, VC funding opportunity form for early-stage entrepreneurs	IIC & Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty				Q4			
	Seed funding provided to startup	COEP management & Faculty mentors of Bhaui's Innovation & entrepreneurship cell		In all quarters					
	Conduction of startup Fest (an exhibition of startups & a conclave of investors & mentors)	IIC & Bhaui's Innovation & entrepreneurship cell - a students' body mentored by faculty		Conducted every year				√	√
<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.	<b>Pre incubations</b>								



<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.	<b>Resource Development</b>	Establishment of Idea and Innovation Lab	COEP management & IIC	Already in place		
		Establishment of FAB Lab	COEP management	Already in place		
		Establishment of co working spaces for students	COEP management & IIC	Already in place		
		Establishment of knowledge bank for ready reference of students	COEP management & Library & faculty from IIC Prof. N. R. Rajhans	Resources are already in the library.		
<b>Objective 5:</b> To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions.	<b>Networking</b>	Collaboration with institutes of repute for conduction of various activities	IIC, Faculty mentors of Bhaui's Innovation & entrepreneurship cell	Collaboration with Wadhwani Foundation, IIT Bombay & Khargapur, Science & technology park, SPPU, TIE, Software Technology Parks of India,	Collaboration with more than 10 + 10	Collaboration with at least 10 institutes
		Advisory service provided to innovators and startup	IIC, Faculty mentors of Bhaui's Innovation & entrepreneurship cell	Mentor pool of 10 mentors & 5 investors		
		Participating in Hackathons & activities conducted by other institutes.	IIC, Faculty mentors of Bhaui's Innovation & entrepreneurship cell	Are being conducted every year and participate in the hackathons conducted by collaborating institutes		
		Networking with angel investors & venture capitalists	IIC, Faculty mentors of Bhaui's Innovation & entrepreneurship cell	Around 5 angel investors & 25 VC are in contact		



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

#### a. Process KPIs

Hierarchy of Objectives	Key Performance Indicators (KPIs)	Milestones/Targets	Time Line			
			Y1	Y2	Y2	Y4
Vision	<ul style="list-style-type: none"> <li>% Increase in Self-Employment Rate among graduate students over years</li> <li>No of Established Start-ups/Innovations</li> </ul>	3% 30	1.5% 5	2% 10	2.5% 20	3% 30
Goal/Impact	<ul style="list-style-type: none"> <li>Enabling Environment Established with multiple level of support for innovation &amp; Entrepreneurship in Institute</li> <li>No/% of Graduate students choose Entrepreneurship as career &amp; # Increment/year</li> <li>No/% of Student and Graduates Practicing Entrepreneurship &amp; # Increment/year</li> </ul>	5% 10%	1% 2%	2% 5%	3% 7%	5% 10%
Outcomes	<ul style="list-style-type: none"> <li>Nos/% of student &amp; faculty mass with entrepreneurship Orientation, # Increment/year</li> <li>Nos/% of Student &amp; faculty motivated to start any entrepreneurial activity &amp; #Increment</li> <li>No of IPR/Innovations developed for commercialization &amp; # Increment/year</li> <li>No of Student/Early Stage Start-ups formed &amp; # Increment/year</li> <li>No/% of In-house Expert Capacity available for Advisory Services &amp; # Increment/year</li> <li>% of Satisfaction over Advisory services offered to Innovators &amp; Early Stage Entrepreneurs</li> <li>Network Established with connecting multiple stakeholders &amp; Ecosystem Enablers</li> </ul>	2% 2% 2% 2% 2% 90% yes	0.5%     50%	1%     60%	1.5%     70%	2%     80%



Outputs						
• No/% of Student & faculty mass exposed to awareness/orientation building programs	80%	50	60	70	80	
• No/% of Students covered through entrepreneurship Education; MOOC, Class Room, Experiential Learning programs etc. & # Increment/year	100%	100	100			
• No of beneficiaries are accessing the infrastructure & facilities per day, month & # Increment	350 with increment of 50% per year	100	150	225	350	
• No of innovators identified; No of awarded, /recognised; No of Supported, & # Increment	20 with increment of 100% per year	5	10	20	40	
• No of Entrepreneurs identified; No of awarded, /recognised; No of Supported, & # Increment	-----	5	10	20	40	
• No of Student projects turns to (commercialize) Innovations		5	10	20	40	
• No of IPR based product/services generated and registration filed	40	5	10	20	40	
• No/% of in-house trained professional developed for advisory services & # Increment	25	5	10	15	20	
• No of Research Studies on Entrepreneurship published	25	5	10	15	20	
• No of Regional, National and International linkages established for the start-up & innovation	25	5	10	15	20	
• No/% Representatives of experts & entrepreneurial students across Dept & Disciplines.	25	5	10	15	20	
• No of Beneficiaries Referred to Incubators/investors for further support through Start-up Cell	25	5	10	15	20	



	<ul style="list-style-type: none"> <li>No of Beneficiaries generated under various schemes and programs leveraged and converged at Start-up Cell</li> </ul>	20	5	10	15	20
Activities (Input)	<ul style="list-style-type: none"> <li>No and types of Education/Skill certification program on Entrepreneurship, IIPR, Innovation etc.</li> <li>No of workshops, awareness, market outreach events, orientation, advocacy meetings etc.</li> <li>No of networking event (Intra and Inter-institutional, enablers, stakeholders) organized</li> <li>No of skill and competency development training programs/FDPs/EDPs organised</li> <li>No of research studies related to Entrepreneurship conducted</li> <li>No of convergence and leverage with schemes/programs offered by major enablers</li> <li>No of national and regional award and campus Hackathon like events organised</li> <li>Incentivising Entrepreneurship and Innovation; services and facilities; Start-up Manual, policies, tool kits etc.</li> <li>Amount of total budget/year spend against total institution revenue for start-up</li> <li>Budget allocation and Spend ratio for the start-up mandate in institute</li> </ul>	7 10 10 5 10 15 5 10 10	5 10 10 2 2 5 2 2	7 - - 3 4 8 3 4	7 - - 4 8 12 4 8	7 - - 5 10 15 5 10
		100%				



b. Thrust Area based KPIs

I&E ecosystem in HEIs and Key performance indicators for different components of ecosystem

Sl. No	Parameters	Non-Technical HEI	Technical HEI
1	Developing an Innovative and Entrepreneurial Mind-set through Series of Activities	8	4
2	Teaching and Learning: Academic Programmes related to Innovation & Entrepreneurship (I & E) & IPR offered by the HEI	10	6
3	Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	13	13
4	Generation of Innovations/ ideas with the support of HEI and recognition received	13	13
5	Ventures Established with the support of the HEI & Recognitions Received	8	12
6A	Angel & VC Fund/Investment Mobilized to Support Innovation & Startups Incubated at HEI	3	5
6B	Promotion of Collaboration for & Co-Creation of I & E initiatives	8	5
7	Intellectual Property (IP), Generation and Commercialization	14	19
8A	Annual Budget on Promoting and Supporting I&E Activities: Total expenses towards I & E and IPR support activities	8	8
8B	Total Revenue Generated by HEI from Incubation Services to Startups and Commercialization of IP and Innovations	4	6
9	Participation of HEI in I & E Initiative of MOE	11	9
<b>Total</b>		<b>100</b>	<b>100</b>



Sl. No	Parameters & Sub Parameters
1	<i>Developing an Innovative and Entrepreneurial Mind set through Series of Activities (FY 2019-20)</i>
1.1	Number of co-curricular events related to Innovation and Entrepreneurship (I & E) conducted by the HEI
1.2	Number of co-curricular events related to I&E organized by external organizations where students/faculty members of HEI were sent to participate/represent



<p>2 <i>Teaching and Learning: Academic Programmes related to Innovation &amp; Entrepreneurship (I &amp; E) &amp; IPR offered by the HEI (AY 2019-20)</i></p>	<p>3 <i>Dedicated Infrastructure &amp; Facilities to Promote Innovation &amp; Entrepreneurship at HEI (FY 2019-20)</i></p>
<p>2.1 Number of full fledged programmes/courses in Innovation / Entrepreneurship / Intellectual Property offered by the HEI (Diploma/ UG/ PG/ PhD)</p>	<p>3.1 Number of active Ideas/ Innovation centric Student Clubs in the HEI with access to co-working space/ work stations for students with facilities &amp; equipment available for I &amp; E activities</p>
<p>2.2 Number of short term Certificate courses or Elective group(s)/ Major or Minor Specializations/ Core Credit courses offered by the HEI in Innovation and Entrepreneurship (I &amp; E) of minimum 30 contact hours of duration</p>	<p>3.2 Existence of dedicated infrastructures and facilities at HEI to support Innovation. Entrepreneurship and IPR</p>
<p>2.3 Number of I &amp; E related MDP, EDP, FDP, Employment Generation Skill Development Programs conducted by HEI (Approved by Regulatory bodies of HEIs or other State and Central government agencies ) of minimum 30 contact hours of duration</p>	<p>3.2.a Existence of Pre-incubation centers such as Tinker Lab/ EDC/ IEDC/ New Gen IEDC/ etc. with minimum space of &gt;= 600 sq. ft. floor area</p>
<p>2.4 Number of full time faculty who have completed any specialized training programme of I &amp; E (MDP, EDP, FDP, Certificate course of minimum 30 contact hours of duration) conducted by State and Central government agencies (for example AICTE, MDC, Ministry of MSME etc.), knowledge agencies etc.</p>	<p>3.2.b Existence of Incubation Unit with minimum space of &gt;= 1500 sq. ft. floor area</p>
<p>2.5 Number of entrepreneurial skill development/employment generating training programmes conducted by the HEI for external participants (local residents, community members, alumni etc.)</p>	<p>3.2.c Existence of Research Park/Innovation Park with minimum Space of &gt;= 5000 sq. ft. Floor area</p>
<p>2.6 Number of full time faculty with a degree (UG/PG/PhD) in entrepreneurship/innovation/ IPR and(or) received training on I&amp;E, and IPR</p>	<p>3.3 Existence of Centre of Excellence with Advance Tools &amp; Equipment with minimum space of &gt;= 1000 Sq. ft.</p>
	<p>3.4 Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute</p>
	<p>3.5 Number of dedicated staff to oversee I &amp; E activities under the leadership of a senior professor/Head of the institute</p>
	<p>3.6 Number of empaneled external experts/ agencies for mentorship regarding IPR, innovation development and enterprise development</p>
	<p>3.7 Number of faculty members/ staff of the HEI deputed on committees of other HEIs to mentor and support the establishment of their I &amp; E eco-system</p>



4	<b>Generation of Innovations/ ideas with the support of HEI and recognition received (FY 2019-20)</b>	6	
4.1	Number of Innovations TRL 0-3 and/or Number of non-technical Innovations (scouted and evaluated) registered with the departments of HEI/ pre-incubation/Incubation center	6A	<b>Angel &amp; VC Fund/Investment Mobilized to Support Innovation &amp; Startups Incubated at HEI (FY2019-20)</b>
4.2	Number of Innovations TRL 4-6	6A.1	Total amount raised by innovators pre-Incubated/incubated at HEI from Angel/VC Fund/High Net worth Individual (HNI)
4.3	Number of Innovations TRL 7-9	6A.2	Total amount raised by Startups incubated at HEI from Angel /VC Fund /High Net worth Individual (HNI)
4.4	Number of ideas or innovative projects implemented in the community/Social Innovations	6A.3	Total amount of Credit/Loans from Financial Institutions that was facilitated by HEI for innovators/startups
4.5	Number of ideas or innovative projects/TRIs/Social Innovations implemented with financial support from HEIs	6B.	<b>Promotion of Collaboration for &amp; Co-Creation of I &amp; E Initiatives (AY2019-20)</b>
4.6	Number of awards won by the student and faculty innovations at State/National/International Level in I & E related events	6B.1	Number of Collaborations with incubation units outside the HEI either to provide OR receive Incubation Support
5	<b>Ventures Established with the support of the HEI &amp; Recognitions Received (FY2019-20)</b>	6B.2	Number of Collaborations with other HEIs as mentor/ mentee Institute to promote I&E in the Campus
5.1	Number of Startups with CIN / Entrepreneurial Ventures with at least GST number started by students/ faculties/ Staff/ Alumni and facilitated by HEI/EDC/ Pre-incubation/ Incubation/ Research Park etc.	6B.3	Number of Collaborations with start-ups /Industry Associations /Knowledge Agencies to promote I & E activities and/or internship opportunities
5.2	Number of Startups with CIN /Entrepreneurial Ventures with GST number started by the external beneficiaries (i.e. <i>excluding Student, Faculty &amp; Staff</i> ) who had received Employment Generating Skill Training Program conducted by the HEI/EDC/Pre-incubation/ Incubation	7	<b>Intellectual Property (IP), Generation and Commercialization</b>
5.3	Number of Faculty as Founder or Co-Founder with DIN	7.1	Number of research papers published (Student/Faculty) with Keywords Innovation, and Entrepreneurship in Scopus journals during the AY 2019-20
5.4	Number of Startups with Annual Turnover of Rs. 50 Lakhs or 10 employees	7.2	Number of Copyrights/Designs Applied during the FY 2019-20
		7.3	Number of Copyrights/Designs Granted during the FY 2019-20



7.4	Number of Patents Filed & Published during the FY 2019-20	8B.	<i>Annual Budget on Promoting and Supporting I&amp;E Activities: Total Revenue Generated by HEI from Incubation Services to Startups and Commercialization of IP and Innovations</i>
7.5	Number of Patents Granted (last 3 FYs: 2017-18, 2018-19, 2019-20)	8B.1	Total grant/funds received from authentic sources such as Govt. Non Govt, CSR bodies etc. towards promoting and supporting innovation. IPR Startups and pre-incubation/incubation activities in the campus
7.6	Number of Patents held by Pre-Incubated Innovations/Incubated Startups (last 3 FYs: 2017-18, 2018-19, 2019-20)	8B.2	Total revenue from Incubation Services offered by HEI to Startups/innovators (training and skill + mentoring + office space and rent). It excludes fees earned for offering general consulting services offered and training conducted by HEIs
7.7	Number of IPs Commercialized/ Technology Transferred during the FY 2019-20	8B.3	Total revenue generated from commercialization/Licensing of IPs owned by HEIs (It exclude IP commercialization made by incubated Startups/ Innovators).
8	<i>Budget - Annual Expenditure Spent towards I&amp;E Activities and Revenue from I&amp;E</i>	9	<i>Participation of HEI in I &amp; E Initiative of MOE</i>
8A	<i>Annual Budget on Promoting and Supporting I&amp;E Activities: Total expenses towards innovation, IPR and entrepreneurship activities</i>	9.1	Adopted National Innovation and Start-up Policy at the HEI
8A.1	Amount spent on events conducted (Financial Fields of line items entered in 1.1)	9.2	Establishment of Institution's Innovation Council (IIC) at HEI
8A.2	Amount spent on student/faculty participation in I&E events conducted by external organizations (Financial Fields of line items entered in 1.2)	9.3	Trained Innovation Ambassadors at HEI
8A.3	Expenses incurred in the establishment, maintenance and operation of Pre-Incubation and/or Incubation infrastructure (capital expenditure + operational expenditure) (Financial Fields of line items entered in 3.1, 3.2 and 3.3)	9.4	Participation in Smart India Hackathon (SIH)
8A.4	Total seed fund/grant disbursed by HEI from its own funds to innovation/ entrepreneurial ventures (Financial Fields of line items entered in 4 & 5)	9.5	Facilitated Registration of Start-ups/ Technologies developed from HEIs in YUKTI 2.0 (Young India combating COVID with Knowledge, Technology and Innovation) portal of MIC (The line items entered in 5.1, 5.2 and 5.3 will be reviewed and validated)
8A.5	Total Seed Fund/Grant received from external sources disbursed to Startups (Financial Fields of line items entered in 4 & 5)	9.6	Participation of Students from the HEI in National Education Alliance of Technology (NEAT) courses



## Annexure 4: List of Activities prescribed under IIC Calendar Activities

Semester I			
Quarter 1			
Sl. No.	Activity	Mandatory/ Elective	Thrust Area
1	IIC Council formation or upgradation (of existing council) at Institute level. Conduct first council meeting.	Mandatory	
2	Workshop on 'Entrepreneurship and Innovation as Career Opportunity'	Elective	
3	My Story - Motivational Session by Successful Innovators	Elective	
4	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	Elective	
5	Session on Problem Solving and Ideation Workshop	Elective	
6	Exposure and field visit for problem identification	Elective	
7	Problem solving workshop & linkage of innovators with Innovation Ambassadors.	Elective	
8	Panel Discussion on Aman Shaha Bharat Nominat for Local Make in India for the world.	Elective	
9	Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship)	Mandatory	
Quarter 2			
1	IIC Council Meeting- Review of Q1 progress and Planning for Q2.	Mandatory	
2	Session on Process of Innovation Development:	Elective	
3	Workshop on Design Thinking, Critical thinking and Innovation Design	Elective	
4	Field/Exposure Visit to Fab Lab, Maker Space, Design Centre, Co-Working etc.	Elective	
5	Workshop on Entrepreneurship Development Phases	Elective	
6	Design Validation through various model of design validation (eg. Double Diamond Approach)	Elective	
7	Session on Identifying Intellectual Property components at the early stage of Innovation	Elective	Validation and Commerc Development
8	Idea/ PoC pitching & validation and Institute level PoC competition. Submission of Idea/PoC on IIC Portal	Mandatory	
9	Orientation session for all students & faculties of Institute by Innovation Ambassador	Elective	
10	Call for paper writing and research report on Innovation	Elective	
11	Orientation Session on National Innovation and Startup Policy (NISIP)	Mandatory	
12	Seminar Break: Internship a startup	Elective	





## Semester II

### Quarter 3

1	IIC Council Meeting- Review of Q2 progress and Planning of Q3.	Mandatory	
2	Field/Exposure Visit to Innovation Unit/ Patent Facilitation Centre /ITechnology Transfer Centre/ Co-working spaces	Elective	
3	Workshop on Prototype/Project Design and Development - Prototyping	Elective	
4	Session/ Workshop on Business Model Canvas (BMC)	Elective	
5	Business Plan/ Prototype Competition to Inve. Innovative Business Models from Students	Elective	Prototype, Design Process Development for Business Model/ Process/ Services
6	Session on "How to plan for Startup and legal & Ethical Steps"	Elective	
7	Interactive Session/Mentoring Session with "Successful Startup founders" (Entrepreneurs in Campus)	Elective	
8	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	Elective	
9	Mentorship Session for Innovators (or) Student Entrepreneurs through experts and (or) Innovation Ambassador (Innovation Agents)	Elective	
10	Orientation session for all students & faculties of Institute by Innovation Ambassadors (5).	Mandatory	

### Quarter 4

1	IIC Council Meeting- Review of Q3 progress and Planning of Q4	Mandatory	
2	Session on Prototype Validation - Converting Prototype into a Startup	Elective	
3	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	Elective	
4	Organize Session on "Lean Startup & Minimum Viable Product/ Business"- Boot Camp (or) Mentoring Session	Elective	
5	Session on Angel Investment/V/C Funding Opportunity for Early Stage Entrepreneurs	Elective	Awareness about Startup and related Ecosystem.
6	Session on Building an Innovation / product life for market	Elective	
7	Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level	Elective	
8	Orientation session for all students & faculties of Institute by Innovation Ambassador	Elective	
9	Semester Break - Internship at startup	Elective	

