

Dr. Babasaheb Ambedkar Technological University, Lonere

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
Objective 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.	IP Ownership Rights for Technologies Developed at Institutes	Faculty Development Programs	<ol style="list-style-type: none"> To motivate Student & faculty to start any entrepreneurial activity, IPR/Innovations developed for commercialization. Also to develop product based projects useful for the society. Will allow licensing of IPR from institute to start up: Ideally students and faculty members intending to initiate a start up based on the technology developed or co-developed by them or the technology owned by the institute, should be allowed to take a license on the said technology on easy term, either in terms of equity in the venture 	2	AICTE ATAL/University Funds	2	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.	Creating Innovation Pipeline and Pathways for Entrepreneurs	FDP/Entrepreneurship Programs	<ol style="list-style-type: none"> 1. To ensure exposure of maximum students to innovation and pre incubation activities at their early stage and to support the pathway from ideation to innovation to market, mechanisms should be devised at University/institution level. 2. Students/ staff should be taught that innovation (technology, process or business innovation) is a mechanism to solve the problems of the society and consumers. Entrepreneurs should innovate with focus on the market niche. 3. To prepare the students for creating the start up through the education, integration of education activities with enterprise-related activities should be done. 	1	Incubation/State Govt.	1	1	1	1
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Objective 3: To build and strengthen the inhouse 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.	Organizational Capacity, Human Resources and Incentives	University programs	1. University/ Institute should recruit staff that have a strong innovation and entrepreneurial/ industrial experience, behaviour and attitude. This will help in fostering the I&E culture.	1	University/State Govt. Fund	1	1	1
			<p>2. To achieve better engagement of staff in entrepreneurial activities, institutional policy on career development of staff should be developed with constant up skilling which is done by organizing workshop and training by experts.</p> <p>3. The recognition of the stakeholders may include offering use of facilities and services, strategy for shared risk, as guest teachers, fellowships, associate ships, etc.</p>					


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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 an outside the institute.	Incubation & Pre-Incubation support		1. Creation of pre-incubation and incubation facilities for nurturing innovations and startups in institutions should be undertaken. Incubation and Innovation need to be organically interlinked. 2. This Pre-Incubation/Incubation facility should be accessible 24x7 to students, staff and faculty of all disciplines and departments across the institution.	1	State Govt./Incubation Cell	1	1	1	1
Objective 5: To strengthen the intra and inter institutional partnership and collaboration with ecosystem at different level and cocreation of new program interventions.	Pedagogy and Learning Interventions for Entrepreneurship Development		1. Diversified approach should be adopted to produce desirable learning outcomes, which should include cross disciplinary learning using mentors, labs, case studies, games, etc. in place of traditional lecture-based delivery. 2. Student clubs/ bodies/ departments must be created for organizing competitions,	1	Incubation Cell/University Fund	1	1	1	1

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				<p>bootcamps, workshops, awards, etc. These bodies should be involved in institutional strategy planning to ensure enhancement of the student's thinking and responding ability.</p>					
				<p>3. Institutes should start annual INNOVATION & ENTREPRENEURSHIP AWARD to recognize outstanding ideas, successful enterprises and contributors for promoting innovation and enterprises ecosystem within the institute.</p>					
				<p>4. Innovation champions should be nominated from within the students/ faculty/ staff for each department/ stream of study. Institutes can conduct a departmental or institute level tournament to do so.</p>					

				5. Entrepreneurship education should be imparted to students at curricular/ co-curricular/ extra-curricular level through elective/ short term or long-term courses on innovation, entrepreneurship and venture development.					


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Annexure -2: Timeline and Progress Tracking Sheet

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 and processes to generate knowledge, intellectual properties and innovations from institute and commercialization of innovations through technology transfer, technology licensing and startups etc.	Innovation	To create the co-curricular activity of I&E in HEIs	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Entrepreneurship	To conduct I&E related MDP, FDP, EDP employment generation and skill development program organized by HEIs	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	IPR	Workshop on IPR and IP management	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Pre- Incubation	To generation of innovations/ideas with supported of HEI	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Startups	To develop ventures for supported by HEI	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	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	To create the co-curricular activities send to the students and faculties for external	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Entrepreneurship	Motivational sessions by successful Innovators / Startups	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	IPR	To conduct the awareness session for IPR in HEI	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Pre- Incubation	Pitching the workshop and linkage of innovators with innovation ambassador	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Startups	Session / Workshop of business model concaves	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
Objective 3: To build and strengthen the in-house mentor pool and human resource capacity to drive campus I&E activities, identifying, handholding and	Innovation	Workshop on innovation and entrepreneurship as career opportunity	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Entrepreneurship	Business plan / Prototype competition to invite innovative business model from students and faculties.	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	IPR	To build mentoring for the IPR through short time courses / NPTEL /	Dr. Babasaheb Ambedkar Technological	1	0	1	0	2	2

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guiding potential/early stage entrepreneurs, student innovators at the Institute on regular basis.	S/WAYAM	University Lonere							
Objective 4: To build infrastructure support and facilities to promote innovation & startup and enabling environment of easy access to resources within an outside the institute.	Pre- Incubation	Interactive session / Mentoring session with successful startup founders	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Startups	Session on how to plan for startups and legal and ethical steps	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Innovation	Exposure / Field visit problem statement identification	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Entrepreneurship	Field / Exposure to incubation unit	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	IPR	To Give an awareness session for IPR cell coordinator	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2
	Pre- Incubation	Design validation through various models of design validation	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2
	Startups	Mentorship session for student startups	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	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.									
Innovation	To pitch the Ideathon / problem statement competition	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2	2
Entrepreneurship	Session on angel investment / VC funding opportunity for early stage entrepreneurs	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2	2
IPR	To create the echo system for IPR filing and processing	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2	2
Pre- Incubation	Minimum viable product / business boot camp	Dr. Babasaheb Ambedkar Technological University Lonere	0	1	0	1	2	2	2
Startups	Session on prototype validation and converting prototyping into startups	Dr. Babasaheb Ambedkar Technological University Lonere	1	0	1	0	2	2	2


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


Hierarchy	Key Performance Indicators (KPIs)	Milestones/Targets	Time Line			
			Y1	Y2	Y2	Y4
Vision	<ul style="list-style-type: none"> % Increase in Self-Employment Rate among graduate students over years No of Established Start-ups/Innovations 	15%	3%	4%	4%	4%
Goal/Impact	<ul style="list-style-type: none"> Enabling Environment Established with multiple level of support for innovation & Entrepreneurship in Institute No/% of Graduate students choose 	30%	4%	7%	9%	10%

	<p>Entrepreneurship as career & # Increment/year</p> <ul style="list-style-type: none"> No/% of Student and Graduates Practicing Entrepreneurship & # Increment/year 					
Outcomes	<ul style="list-style-type: none"> Nos/% of student & faculty mass with entrepreneurship Orientation, # Increment/year Nos/% of Student & faculty motivated to start any entrepreneurial activity & #Increment No of IPR/Innovations developed for commercialization & # Increment/year 	30%	4%	7%	9%	10%

	<ul style="list-style-type: none"> • No of Student/Early Stage Start-ups formed & # Increment/year • No/% of In-house Expert Capacity available for Advisory Services & # Increment/year • % of Satisfaction over Advisory services offered to Innovators & Early Stage Entrepreneurs • Network Established with connecting multiple stakeholders & Ecosystem Enablers 						
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Outputs		70%	10%	20%	20%	20%
<ul style="list-style-type: none">• No/% of Student & faculty mass exposed to awareness/orientation building programs• No/% of Students covered through entrepreneurship Education; MOOC, Class Room, Experiential Learning programs etc. & # Increment/year• No of beneficiaries are accessing the infrastructure & facilities per day, month & # Increment• No of innovators identified; No of awarded,/recognised; No of Supported, & # Increment• No of Entrepreneurs identified; No of awarded,/recognised; No of Supported, & # Increment• No of Student projects turns to (commercialize) Innovations• No of IPR based product/services generated and registration filed• No/% of in-house trained						

	<ul style="list-style-type: none"> • professional developed for advisory services & # Increment • No of Research Studies on Entrepreneurship published • No of Regional, National and International linkages established for the start-up & innovation • No/% Representatives of experts & entrepreneurial students across Dept & Disciplines. • No of Beneficiaries Referred to Incubators/investors for further support through Start-up Cell 					
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Annexure - 4: List of Activities prescribed under IIC Calendar Activities

Semester I		
Quarter I		
SR.NO	Activity Name	Mandatory/Elective
1	Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship.	Mandatory
2	Panel Discussion on Atmanirbhar Bharat-Vocal for Local., Make in India for the world.	Elective
3	My Story – Motivational Session by Successful Entrepreneur/Startup Founder.	Elective
4	My Story – Motivational Session by Successful Innovators	Elective
5	Workshop on “Entrepreneurship and Innovation as Career Opportunity”	Elective
6	IIC Council Formation or Upgradation (Of Existing Council) At Institute Level	Mandatory
7	Cyber Frauds in Bank	Elective
8	Entrepreneurship Challenges	Elective
9	Entrepreneurship Challenges in the Field of Chemical Engineering	Elective
10	Innovation in Rural Agriculture and Horticulture	Elective
Quarter II		
11	KAPILA: Kalam Program for IP Literacy and Awareness	Mandatory
12	IKS Orientation Session	Mandatory
13	Orientation Session on National Innovation and Startup Policy (NISP)	Mandatory
Quarter III		
14	Workshop on Prototype/Process Design and Development-Prototyping	Elective
15	Interactive Session/Mentoring Session with and Quot; Successful Start-up Founders” (Entrepreneurs in Campus)	Elective
16	Session on “How to Plan for Start-up and Legal & AMP; Ethical Steps”	Elective
17	Mentorship Session for Innovators (OR) Student Entrepreneurs Through Experts and (OR) Innovation Ambassadors/Innovation Agent	Elective
18	Session/Workshop on Business Model Canvas (BMC)	Elective
19	Orientation Session for All Students, Faculties of Institute by Innovation Ambassador(S).	Mandatory
20	Talk on “From your Ph.D./ Master’s Thesis to a start-up	Mandatory
21	Session on Why IP is important in academia?	Mandatory
22	IIC Council Meeting- Review of Q2 progress and Planning of Q3.	Mandatory

23	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	Elective
Quarter IV		
24	Orientation session for all students & faculties of Institute by Innovation Ambassador	Mandatory
25	Innovation and Entrepreneurship	Elective
26	IPR and Patent Process	Elective
27	World Entrepreneurs Day Celebration	Mandatory
28	National Webinar on Research, Innovation and Ranking	Elective
29	IIC Annual Report	Mandatory
30	Session on Accelerators/Incubation - Opportunities for the Students & Faculties - Early Stage Entrepreneurs	Elective
31	Session on Prototype Validation - Converting Prototype into a Start-up	Elective
32	IIC Council Meeting- Review of Q3 progress and Planning of Q4	Mandatory

