

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.	Creating Innovation Pipeline and Pathways for Entrepreneurs	Conduct of Skill certification program on Entrepreneurship, IIPR, Innovation	No and types of Education/Skill certification program on Entrepreneurship, IIPR, Innovation etc.	10	Institute	20	30	40
	Creating Innovation Pipeline and Pathways for Entrepreneurs	Conduct of entrepreneurship Education program, Experiential Learning programs etc.	No of Students covered through entrepreneurship Education; MOOC, Class Room, Experiential Learning programs etc.	270	KIIT TBI	300	500	1000
	Intellectual Property (IP), Generation and Commercialization	Mentoring students on Innovation and Entrepreneurship	Number of research papers published (Student/Faculty) with Keywords - Innovation, and Entrepreneurship in Scopus journals during the AY 2019-20	5	IPR cell	10	15	20
	Intellectual Property (IP), Generation and Commercialization	Conduct of design challenge on innovation	Number of Copyrights/Designs- Applied during the FY 2019-20	11	Institute	15	25	40
	Intellectual Property (IP), Generation and Commercialization	Conduct of design challenge on innovation	Number of Copyrights/Designs Granted during the FY 2019-20	6	Institute	10	10	10
	Intellectual Property (IP), Generation and Commercialization	Short term course on Intellectual property	Number of Patents Filed & Published during the FY 2019-20	31	KIIT TBI	50	100	140
	Intellectual Property (IP), Generation and Commercialization	3 days Workshop on patent filing	Number of IPs Commercialized/ Technology Transferred during the FY 2019-20	6	IPR cell	10	20	30
Objective 2 To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial	Promotion and Supporting Entrepreneurship Development	Conduct of Faculty development program on innovation and entrepreneurship	No of skill and competency development training programs/FDPs/EDPs organized	10	Institute	10	10	10
	Promotion and Supporting Entrepreneurship Development	Training on entrepreneurial characteristics development by experts from outside institution	No of in-house trained professional developed for advisory services & # Increment	12	KIIT TBI	20	25	25

Annexure

Orientation & skill set.	Developing an Innovative and Entrepreneurial Mind-set through Series of Activities	Exhibition, Conference, road show, boot camp and skill development programs to be conducted on entrepreneurship	Number of co-curricular events related to Innovation and Entrepreneurship (I & E) conducted by the HEI	81	Institute	100	130	150
	Developing an Innovative and Entrepreneurial Mind-set through Series of Activities	Innovation contest and hackathon to be conducted for promoting innovation	No of national and regional award and campus Hackathon like events organized	1	KIIT TBI in collaboration with other institute	5	5	5
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.	Pedagogy and Learning Interventions for Entrepreneurship Development	Workshop on Business plan model development for start-up	No of workshops, awareness, market outreachevents, orientation, advocacy meetings etc.	25	KIIT IIC	30	35	40
	Entrepreneurial Performance Impact Assessment	Exposure visit and Awareness program on social issues and their probable solution	Number of ideas or innovative projects implemented in the community/Social Innovations	15	KIIT IIC	20	25	30
	Entrepreneurial Performance Impact Assessment	Orientation program on NISP for students and staffs	No of beneficiaries are accessing the infrastructure & facilities per day, month	60	KIIT NISP team	150	200	300
	Entrepreneurial Performance Impact Assessment	Acknowledging students about various competitions by NISP members	Number of awards won by the student and faculty innovations at State/National/International Level in I & E related events	3	KIIT NISP team	15	25	40
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest	No of innovators identified;	43	KIIT IIC	100	150	200
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest and KIIT TBI innovation contest	No of innovators awarded / recognized;	64	KIIT IIC	100	150	200
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest and KIIT TBI innovation contest	No of innovators Supported	40	KIIT IIC	50	70	100
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest and KIIT TBI innovation contest	No of Student projects turns to (commercialize) Innovations	6	KIIT IIC	12	20	30
	Entrepreneurial Performance Impact Assessment	Developing tinkering lab on innovation	No of Research Studies on Entrepreneurship published	0	Institute	3	5	7
	Entrepreneurial Performance Impact Assessment	Conference on emerging trends in start-up	No of Regional, National and International linkages established for the start-up &	82	Institute	100	140	150

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			innovation					
	Entrepreneurial Performance Impact Assessment	Orientation session on infrastructural facility to all stakeholders	No Representatives of experts across Dept. & Disciplines.	51	KIIT NISP team	70	85	100
	Generation of Innovations/ ideas with the support of HEI and recognition received	Mentoring session and demo day to be conducted by KIIT TBI	Number of Innovations TRL 0-3 and/or Number of non-technical Innovations (scouted and evaluated) registered with the departments of HEI/ preincubation/Incubation center	43	KIIT TBI	50	80	100
	Generation of Innovations/ ideas with the support of HEI and recognition received	Mentoring session and demo day to be conducted by KIIT TBI	Number of Innovations TRL 4-6	30	KIIT TBI	40	70	90
	Generation of Innovations/ ideas with the support of HEI and recognition received	Mentoring session and demo day to be conducted by KIIT TBI	Number of Innovations TRL 7-9	14	KIIT TBI	20	30	40
	Generation of Innovations/ ideas with the support of HEI and recognition received	Grand Challenge, mentoring sessions and demo day conducted by KIIT-TBI	Number of ideas or innovative projects/TRLs/Social Innovations implemented with financial support from HEIs	6	Institute	15	20	30
Objective 4	Academic Programmes related to Innovation & Entrepreneurship	Diploma and UG course to be conducted on Innovation and Entrepreneurship	Number of full-fledged programmes/courses in Innovation / Entrepreneurship / Intellectual Property offered by the HEI (Diploma/ UG/ PG/ PhD)	29	Institute	40	45	50
	Academic Programmes related to Innovation & Entrepreneurship	short-term Certificate courses to be conducted by institute in Innovation and Entrepreneurship	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 & E) of minimum 30 contact hours of duration	2	Institute	4	6	7
	Academic Programmes related to Innovation & Entrepreneurship	entrepreneurial skill development/employment generating training programmes to be conducted for external participants	Number of entrepreneurial skill development/employment generating training programmes conducted by the HEI for external participants (local residents, community members, alumni etc.)	3	KIIT TBI	5	8	10
	Academic Programmes related to Innovation & Entrepreneurship	Training on entrepreneurship/innovation/ IPR for faculties	Number of full-time faculty with a degree (UG/PG/PhD) in entrepreneurship/innovation/ IPR and(or) received training on I&E, and IPR	21	IPR cell	25	28	30
To build infrastructure support and facilities to promote innovation & startup and enabling environment of easy access to resources within an outside the institute.								

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Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of student clubs	Number of active Ideas/ Innovation centric Student Clubs in the HEI with access to co-working space/ work- stations for students with facilities & equipment available for I & E activities	14	Institute	20	22	23
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of pre incubation centres	Existence of Pre-incubation centers such as Tinker Lab/ EDC/ IEDC/ New Gen IEDC/ etc. with minimum space of ≥ 600 sq. ft. floor area	14	KIIT TBI	15	16	17
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of incubation centres	Existence of Incubation Unit with minimum space of ≥ 1500 sq. ft. floor area	1	KIIT TBI	1	1	1
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of innovation park	Existence of Research Park/Innovation Park with minimum Space of ≥ 5000 sq. ft. Floor area	1	KIIT TBI	1	2	3
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of centre of excellence related to innovation and start-up	Existence of Centre of Excellence with Advance Tools & Equipment with minimum space of ≥ 1000 Sq. ft.	1	KIIT TBI	2	3	4
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of IPR cell	Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute	2	Institute	2	3	4
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Recruitment of staffs for I & E activities	Number of dedicated staff to oversee I & E activities under the leadership of a senior professor/Head of the institute	12	Institute	15	20	25
Dedicated Infrastructure & Facilities to Promote	Outreach activity to connect external agencies	Number of empaneled external experts/ agencies for mentorship regarding IPR, innovation development and enterprise	51	Institute	60	70	80

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	Innovation & Entrepreneurship at HEI		development					
	Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Sending faculties in deputation to other HEI	Number of faculty members/ staff of the HEI deputed on committees of other HEIs to mentor and support the establishment of their I & E eco-system	5	Institute	7	8	10
	Budget - Annual Expenditure Spent towards I&E Activities and Revenue from I&E	Co-curricular events conducted	Amount spent on events conducted	7 crore	KIIT TBI	7 crore	8 crore	10 crore
	Budget - Annual Expenditure Spent towards I&E Activities and Revenue from I&E	Funding Start-ups	Total Seed Fund/Grant received from external sources disbursed to Startups	18 crore	Institute	20 crore	25 crore	30 crore
Objective 5 To strengthen the intra and inter- Institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions.	Ventures Established with the support of the HEI & Recognitions Received	Mentoring and infrastructural support for start-ups	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.	58	KIIT TBI	100	125	150
	Angel & VC Fund/Investment Mobilized to Support Innovation & Startups Incubated at HEI	Preincubation and incubation facility provided to start-ups	Total amount raised by innovators pre-Incubated/incubated at HEI from Angel/VC Fund/High Net worth Individual (HNI)	10 crore	KIIT TBI	25 crore	30 crore	50 crore
	Promotion of Collaboration for & Co-Creation of I & E initiatives	Outreach activity for collaborations	Number of Collaborations with incubation units outside the HEI either to provide OR receive Incubation Support, or to promote I&E in the Campus	82	KIIT TBI	100	125	150
	Participation of HEI in I & E Initiative of MOE	Preparation of NISP document	Adopted National Innovation and Start-up Policy at the HEI	Completed	NISP team	NA	NA	NA
	Participation of HEI in I & E Initiative of MOE	Establishment of Institution's Innovation Council (IIC) at HEI	Establishment of Institution's Innovation Council (IIC) at HEI	Completed	KIIT IIC	NA	NA	NA
	Participation of HEI in I & E Initiative of MOE	Attending training program of Innovation Ambassadors	Trained Innovation Ambassadors at HEI	Participated	Institute	NA	NA	NA
	Participation of HEI in I & E Initiative of MOE	Participation in Smart India Hackathon	Participation in Smart India Hackathon (SIH)	Participated	MHRD, India	NA	NA	NA

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Participation of HEI in I & E Initiative of MOE	Participation in YUKTI 2.0 portal of MIC	Facilitated Registration of Start-ups/ Technologies developed from HEIs in YUKTI 2.0 portal of MIC	Participated	MHRD, India	NA	NA	NA
Participation of HEI in I & E Initiative of MOE	Participation of Students in National Education Alliance of Technology (NEAT) courses	Participation of Students from the HEI in National Education Alliance of Technology (NEAT) courses	Participated	MHRD, India	NA	NA	NA

I&E Policy Objectives	Thrust Area	Planned Intervention: Program/Activities (Input)	Responsibility Unit/Dept./ Person In charge	Timeline (Academic Year)					
				Year1 Quarter 1	Year 1 Quarter 2	Year 1 Quarter 3	Year 1 Quarter 4	Year 2	Year 3
Objective 1 To establish	Creating Innovation Pipeline and Pathways for Entrepreneurs	Conduct of Skill certification program on Entrepreneurship, IIPR, Innovation	Institute						
	Creating Innovation	Conduct of entrepreneurship	KIIT TBI						

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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.	Pipeline and Pathways for Entrepreneurs	Education program, Experiential Learning programs etc.							
	Intellectual Property (IP), Generation and Commercialization	Mentoring students on Innovation and Entrepreneurship	IPR cell						
	Intellectual Property (IP), Generation and Commercialization	Conduct of design challenge on innovation	Institute						
	Intellectual Property (IP), Generation and Commercialization	Short term course on Intellectual property	KIIT TBI						
	Intellectual Property (IP), Generation and Commercialization	3 days Workshop on patent filing	IPR cell						
Objective 2 To Develop a critical mass of motivated students & faculties with creative potential, and entrepreneurial orientation & skill set.	Incentivizing Students for Innovation and Entrepreneurship	Orientation program on NISP for students and staffs	Institute and from different schemes						
	Incentivizing Faculties & Staff for Innovation and Entrepreneurship	Orientation program on NISP for students and staffs	Institute and from different schemes						
	Promotion and Supporting Entrepreneurship Development	Conduct of Faculty development program on innovation and entrepreneurship	Institute						
	Promotion and Supporting Entrepreneurship Development	Training on entrepreneurial characteristics development by experts from outside institution	KIIT TBI						
	Developing an Innovative and Entrepreneurial Mind-set through Series of Activities	Exhibition, Conference, road show, boot camp and skill development programs to be conducted on entrepreneurship	Institute						
	Developing an Innovative and Entrepreneurial Mind-set through Series of Activities	Innovation contest and hackathon to be conducted for promoting innovation	KIIT TBI in collaboration with other institute						
Objective 3	Pedagogy and Learning Interventions for Entrepreneurship Development	Workshop on Business plan model development for startup	KIIT IIC						
	Entrepreneurial	Exposure visit and Awareness	KIIT IIC						

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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.	Performance Impact Assessment	program on social issues and their probable solution							
	Entrepreneurial Performance Impact Assessment	Acknowledging students about various competitions by NISP members	KIIT NISP team						
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest	KIIT IIC						
	Entrepreneurial Performance Impact Assessment	IIC national innovation contest and KIIT TBI innovation contest	KIIT IIC						
	Entrepreneurial Performance Impact Assessment	Developing tinkering lab on innovation	Institute						
	Entrepreneurial Performance Impact Assessment	Conference on emerging trends in startup	Institute						
	Entrepreneurial Performance Impact Assessment	Orientation session on infrastructural facility to all stakeholders	KIIT NISP team						
	Generation of Innovations/ ideas with the support of HEI and recognition received	Mentoring session and demo day to be conducted by KIIT TBI	KIIT TBI						
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.	Academic Programmes related to Innovation & Entrepreneurship	Diploma and UG course to be conducted on Innovation and Entrepreneurship	Institute						
	Academic Programmes related to Innovation & Entrepreneurship	short-term Certificate courses to be conducted by institute in Innovation and Entrepreneurship	Institute						
	Academic Programmes related to Innovation & Entrepreneurship	entrepreneurial skill development/employment generating training programmes to be conducted for external participants	KIIT TBI						
	Academic Programmes related to Innovation & Entrepreneurship	Training on entrepreneurship/innovation/ IPR for faculties	IPR cell						
	Dedicated	Establishment of student clubs	Institute						

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Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI								
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of pre incubation centres	KIIT TBI						
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of incubation centres	KIIT TBI						
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of innovation park	KIIT TBI						
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of centre of excellence related to innovation and startup	KIIT TBI						
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Establishment of IPR cell	Institute						
Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Recruitment of staffs for I & E activities	Institute						
Dedicated Infrastructure & Facilities to Promote Innovation &	Outreach activity to connect external agencies	Institute						

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	Entrepreneurship at HEI								
	Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI	Sending faculties in deputation to other HEI	Institute						
	Budget - Annual Expenditure Spent towards I&E Activities and Revenue from I&E	Co-curricular events conducted	Institute						
	Budget - Annual Expenditure Spent towards I&E Activities and Revenue from I&E	Startups	Institute						
Objective 5 To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions.	Ventures Established with the support of the HEI & Recognitions Received	Mentoring and infrastructural support for startups	KIIT TBI						
	Angel & VC Fund/Investment Mobilized to Support Innovation & Startups Incubated at HEI	Preincubation and incubation facility provided to startups	KIIT TBI						
	Promotion of Collaboration for & Co-Creation of I & E initiatives	Outreach activity for collaborations	KIIT TBI						
	Participation of HEI in I & E Initiative of MOE	Preparation of NISP document	NISP team						
	Participation of HEI in I & E Initiative of MOE	Establishment of Institution's Innovation Council (IIC) at HEI	KIIT IIC						
	Participation of HEI in I & E Initiative of MOE	Attending training program of Innovation Ambassadors	KIIT IIC						
	Participation of HEI in I & E Initiative of MOE	Participation in Smart India Hackathon	KIIT IIC						

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Participation of HEI in I & E Initiative of MOE	Participation in YUKTI 2.0 portal of MIC	KIIT IIC							
Participation of HEI in I & E Initiative of MOE	Participation of Students in National Education Alliance of Technology (NEAT) courses	NISP team							

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NISP, MoE's Innovation Cell