



KIIT INNOVATION AND STARTUP POLICY DOCUMENT (KIIT NISP)



**Kalinga Institute of Industrial Technology
(Deemed to be University), Bhubaneswar
An Institute of Eminence**

Contact us

Students those have any innovative idea and want to establish a successful start-up are advised to contact the following faculty of their branch. The nominated faculties will help them to show direction to avail pre-incubation and incubation facility. Students must not directly approach KIIT-TBI.

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PREAMBLE

In November 2016, All India Council of Technical Education (AICTE) released a Startup Policy document for AICTE approved institutions, to address the need of inculcation of innovation and entrepreneurial culture in higher education institutions (HEIs). The policy primarily focused on guiding the AICTE approved institutions in implementing ‘Startup Action Plan’ of Government of India. Subsequent to release of the Startup policy by AICTE and further interaction & feedback received from education institutions, a need was felt for a more elaborate and comprehensive policy guiding document, which could be applicable for all the HEIs in India. This leads to the ‘National Innovation and Startup Policy (NISP)’.

In context to the NISP A thirteen membered committee was constituted in KIIT to formulate detailed guidelines for various aspects related to innovation, Startup and entrepreneurship management. This committee deliberated on various facets for nurturing the innovation and Startup culture in KIIT, which covered Intellectual Property ownership, revenue sharing mechanisms, norms for technology transfer and commercialization, equity sharing, etc. After multiple rounds of meetings, National Innovation and Startup Policy 2019 for students and faculties were prepared for KIIT deemed to be University.

MISSION

To identify student innovators, promote and support them to evolve self-sustaining business models. It works to cultivate the innovation ecosystem within the university to harness the entrepreneurial potential of the young minds.

To impart a supportive and vibrant environment to stimulate the innovation attitude of the student entrepreneurs, startups / SMEs and enable them to design technology based products and services leading to job creation for strengthening the regional and national economy.

VISION

India aspires to become 5 trillion-dollar economy by 2024. To reach the mark, it needs to evolve systems and mechanisms to convert the present demographic dividend into high quality technical human resource capable of doing cutting edge research and innovation and deep-tech entrepreneurship. The 'National Student and Faculty Startup policy 2019' is a guiding framework to envision an educational system oriented towards startups and entrepreneurship opportunities for student and faculties. The guidelines provide ways to students and faculties of KIIT Deemed to be University for developing entrepreneurial agenda, managing Intellectual Property Rights (IPR) ownership, technology licensing and equity sharing in Startups or enterprises established by faculty and students.

In India, innovation is still not the epicenter of education. In order to achieve the cultural and attitudinal shift and to ensure that 'Innovation and Startup' culture is the primary fulcrum of our higher education system a policy framework and guidelines are the need of this hour. These guidelines will enable KIIT to actively support their faculty, staff and students to participate in innovation and entrepreneurship (I&E) related activities, thus encouraging students and faculty to consider startups and entrepreneurship as a career option.

1. Overall Procedure for Students and faculty governance

- a. A student/group of students has to find out a problem statement. Problem statement should be realistic one and it should be associated directly with societal issue. The problem statement must be adhered to any of the area given in [annexure 1](#).
- b. Student has to find out a potential solution that can solve the predefined problem. The solution should be an innovative solution. The idea or innovative process is to be uploaded through website: www.kiitincubator.in. The ideas must be in TRL 3 level. (Refer [annexure 2](#)).
- c. By default these ideas will be considered to be taken part in National Innovation Contest organized by MHRD Innovation Cell, GOI. If anyone want to opt out from the contest may opt out for the same.
- d. Each group will be assigned to a faculty member for mentorship. Each group has to prepare a prototype or design under the mentorship of the faculty. The prototype must adhere to minimum TRL 5 ([Refer annexure 2](#)). University will provide all the lab facility to the groups for preparing prototype.
- e. The prototype will be evaluated by experts and basing on potency, market value etc. Will be decided whether it is eligible for a startup or not.
- f. Once the idea/prototype is eligible for startup as decided by experts, this should be registered as a student startup under a form of business entity like Partnership Firm, LLP, Private Limited Company and One Person Company. Start-ups should be able to provide a copy of the registration certificate/letter to his/ her academic institution.
- g. In next step, the student startup should be admitted to KIIT-TBI for incubating startup.
- h. KIIT-TBI will help the startup in every manner to let it be the successful startup in market.
- i. Faculties needn't to undergo ideation stage and take part in competition as stated above. They may directly go for registration of their idea/prototype and follow steps 5-7.

2. Eligibility

The admission to NISP scheme can be in any one of the following categories:

CATEGORY I:

Faculty, academic staff and students of KIIT DU having the intent of trying out a novel technological idea for up-gradation to a commercial proposition, scaling up a laboratory proven concept, and setting up a technology business enterprise qualify for a pre-incubation project. This category people must have an idea and they will undergo pre-incubation stage. It is expected that the innovator would like to commercialize the technology and would graduate to Category II within 1 year from beginning the pre-incubation.

CATEGORY II:

Technology based Start-up Company promoted by a first generation entrepreneur desirous of R&D partnership with the institute or a company, with the objective of commercializing a novel technological idea, scaling up a laboratory proven concept and setting up a technology business enterprise. Following are the eligibility criteria for admission to KIIT NISP scheme.

- ✓ It is open to the faculty, staff, researchers, alumni and students of KIIT having S & T background.
- ✓ KIIT NISP would also welcome outside promoters.
- ✓ Majority of Founders/ core team should be Indian citizens.
- ✓ A company has to be registered with RoC (Registrar of Companies) to be incubated in KIIT-TBI (except Category I). A company not registered with RoC (Proprietorship or Partnership) would have to do so within 6 months of admission to KIIT-TBI or before the disbursement of seed fund, whichever is earlier. A company can exist as a private limited company, proprietorship or partnership before it is admitted.
- ✓ KIIT NISP would admit only technology based companies in any engineering discipline. Acceptable business would involve innovative, technology-based product, idea or service.

3. Admission Procedure

Anyone wants to avail NISP scheme must register through website www.kiitincubator.in. After registering Category I has to give details of their ideas and category II has to put all the details about ideas, registration certificates etc. In the website itself. The confirmation of admission will be notified in the website.

4. Nurturing Innovation and startups

KIIT NISP scheme establish processes and mechanisms for easy creation and nurturing of Startups/enterprises by students (UG, PG, Ph.D.), staff (including temporary or project staff), faculty, alumni and potential start up applicants even from outside the institutions. While defining their processes, KIIT NISP will ensure to achieve following:

Incubation support:

Offer access to pre-incubation & Incubation facility to start ups by students, staff and faculty for mutually acceptable time-frame.

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 and/ or license fees and/ or royalty to obviate the early stage financial burden.

Will allow setting up a start up (including social start ups) and working part-time for the start ups while studying / working:

KIIT DU will allow it's students /staff to work on their innovative projects and setting up start ups (including Social Start ups) or work as intern / part-time in startups (incubated in any recognized HEIs/Incubators) while studying / working. Student Entrepreneurs may earn credits for working on innovative prototypes/Business Models. Student inventors may also be allowed to opt for start up in place of their mini project/ major project, seminars, summer trainings. The area in which student wants to initiate a start up may be interdisciplinary or multidisciplinary. The salient features of incubation process is given in the following.

- a. The student must describe how they will separate and clearly distinguish their ongoing research activities as a student from the work being conducted at the start up.
- b. Students who are under incubation, but are pursuing some entrepreneurial ventures while studying would be allowed to use their address in the institute to register their company with due permission from the institution.
- c. Students entrepreneurs would be allowed to sit for the examination, even if their attendance is less than the minimum permissible percentage, with due permission from the institute.

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- d. KIIT DU allow their students to take a semester/year break (or even more depending upon the decision of review committee constituted by the institute) to work on their start ups and re-join academics to complete the course. Student entrepreneurs may earn academic credits for their efforts while creating an enterprise. Institute would set up a review committee for review of start up by students, and based on the progress made, it may consider giving appropriate credits for academics.
- e. faculty and staffs are allowed to take off for a semester / year (or even more depending upon the decision of review committee constituted by the institute) as unpaid leave/ casual leave/ earned leave for working on startups and come back. KIIT allows the use of its resource to faculty/students/staff wishing to establish start up as a fulltime effort. The seniority and other academic benefits during such period may be preserved for such staff or faculty.
- f. KIIT DU will provide a part-time/full time MS/ MBA/ PGDM (Innovation, entrepreneurship and venture development) program where one can get degree while incubating and nurturing a startup company. AICTE has already issued guidelines for a similar program.
- g. Institute will facilitate the startup activities/ technology development by allowing students/ faculty/staff to use institute infrastructure and facilities, as per the choice of the potential entrepreneur in the following manners:
 - h. Short-term/ six-month/ one-year part-time entrepreneurship training.
 - i. Mentorship support on regular basis.
 - j. Facilitation in a variety of areas including technology development, ideation, creativity, design thinking, fund raising, financial management, cash-flow management, new venture planning, business development, product development, social entrepreneurship, product costing, marketing, brand-development, human resource management as well as law and regulations impacting a business.
 - k. Institute may also link the startups to other seed-fund providers/ angel funds/ venture funds or itself may set up seed-fund once the incubation activities mature.
 - l. License institute IPR as discussed in section 5 below.
 - m. In return of the services and facilities, institute may take 2% to 9.5% equity/ stake in the startup/company, based on brand used, faculty contribution, support provided and use of institute's IPR (a limit of 9.5% is suggested so that institute has no legal liability arising out of startup. The institute should normally take much lower equity share, unless its full-time faculty/ staff have substantial shares). Other factors for consideration should be space, infrastructure, mentorship support, seed funds, support for accounts, legal, patents etc.

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- n. For staff and faculty, institute can take no-more than 20% of shares that staff / faculty takes while drawing full salary from the institution; however, this share will be within the 9.5% cap of company shares, listed above.
- o. No restriction on shares that faculty / staff can take, as long as they do not spend more than 20% of office time on the startup in advisory or consultative role and do not compromise with their existing academic and administrative work / duties. In case the faculty/ staff holds the executive or managerial position for more than three months in a startup, then they will go on sabbatical/ leave without pay/ earned leave.
- p. In case of compulsory equity model, Startup may be given a cooling period of 3 months to use incubation services on rental basis to take a final decision based on satisfaction of services offered by the institute/incubator. In that case, during the cooling period, institute cannot force startup to issue equity on the first day of granting incubation support.
- q. The institute would also provide services based on mixture of equity, fee-based and/or zero payment model. So, a startup may choose to avail only the support, not seed funding, by the institute on rental basis.
- r. Institute would extend this startup facility to alumni of the institute as well as outsiders.
- s. Participation in entrepreneurship related activities needs to be considered as a legitimate activity of faculty in addition to teaching, R&D projects, industrial consultancy and management duties and must be considered while evaluating the annual performance of the faculty. Every faculty may be encouraged to mentor at least one startup.
- t. Product development and commercialization as well as participating and nurturing of startups would now be added to a bucket of faculty-duties and each faculty would choose a mix and match of these activities (in addition to minimum required teaching and guidance) and then respective faculty are evaluated accordingly for their performance and promotion.
- u. Institutions might also need to update/change/revise performance evaluation policies for faculty and staff as stated above.
- v. Institute would ensure that at no stage any liability accrue to it because of any activity of any startup.
- w. Where a student/ faculty startup policy is pre-existing in an institute, then the institute may consider modifying their policy in spirit of these guidelines.

4.1 Pre incubation facility

It is very important to primarily identify which ideas can successfully go through the incubation process. This phase of pre-incubation can prepare student entrepreneurs for the incubation phase by providing them prerequisite skills and knowledge that will help them validate and assess their ideas as well as define their business models in detail. In the pre-incubation planning phase, the following activities are to be performed:

- a. **Identification of problems:** Students will visit various sectors like villages, hospitals, urban areas etc. and will visualize practical problems that are associated with those sectors. Various other field visits may occur for identification of real life problems.
- b. **Idea generation:** Depending upon the problems students have to come out with a potential solution for a specific problem. That idea should be novel, innovative and can be able to solve a real life problem effectively.
- c. **Collection of Ideas:** Students have to submit the ideas in proper format to the authority in online mode. The ideas may be considered to take part in smart India Hackathon and National Innovation Contest I.e. conducted by MoE.
- d. **Screening of Ideas:** Selected applicant will be invited to give presentation to evaluation committee based on their potency of idea they will be shortlisted.
- e. **Supporting, mentoring and strengthening of ideas:** The shortlisted ideas will go through series of workshops, webinars, lecture series etc. In order to improve their ideas to solve problems and know various aspects of startups. Each idea may be under mentorship of a mentor from KIIT DU. Under his/her provision ideas may go to incubation stage.
- f. **Business plan preparation:** Workshop will be conducted on 'business plan development' for awareness of students by inviting renowned expert from industry or academia. Selected ideas are required to present their business plan with market analysis.
- g. **Prototype development:** Finally students have to prepare a prototype for their ideas. The prototype may be prepared under direct supervision of mentor assigned.
- h. **Basic Idea Testing:** Student idea needs to be tested before applying for incubation. Academic Institutions must ensure pre-incubation qualification of a student's business idea.
- i. **Promoters Details:** Relevant details of promoters are required to be validated before allowing start-ups to enter the incubation process.
- j. **Registration of Start-up:** The Student Start-up needs to be registered under a form of business entity like Partnership Firm, LLP, Private Limited Company and One

Person Company. Start-ups should be able to provide a copy of the registration certificate/letter to his/ her academic institution.

- k. ***Admission to Incubator/ Co-working Space:*** Admission into a start-up incubation/co-working space programme of any TBI (approved by GoI) is permissible.

This facility shall be offered to students who are currently enrolled in any degree program at KIIT. This is a support system to help students ‘test’ their ideas. They shall be offered

- ✓ Seed loan on availability
- ✓ The Institute shall offer seed-loan on generous terms to promote start-ups Space in the incubation centre
- ✓ Use of Laboratory and Equipment
- ✓ Deferment of dues: In case the student is offered a pre-incubation and they are using facilities or availing seed loan, then they shall be permitted to defer such dues of the institute or incubation centre, based on a declaration to repay at a later stage.

4.2 Incubation facility

After the process of pre-incubation, students have to be admitted in KIIT-TBI for availing incubation facility. The objective of the incubation facility is to promote the received students ideas into successful startups. For this noble cause a number of facilities and services are provided by KIIT TBI to incubatees so that the innovative ideas can be converted to successful startups. The facilities and services provided to incubatees are illustrated below by the help of which KIIT TBI will try it’s best to turn students and faculties into successful entrepreneurs.

4.3. Infrastructure and service provided to incubatees

4.3.1 Infrastructural service

Upon admission to KIIT-TBI, the following infrastructural facilities will be offered to the incubatee companies on an individual basis, apart from a set of shared/ common infrastructure mentioned hereinafter:

- ✓ Office space: Company specific
- ✓ Internet connection
- ✓ Common use printer and reception service
- ✓ Common Lab services

Besides, KIIT-TBI will facilitate the incubatee companies to access the laboratories and other resources of KIIT-TBI for their products development purposes. Access to departmental resources is possible through the request made to officials of KIIT-TBI and

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usage of such resources should be with permission of the concerned department to avoid conflict with departmental activities and objectives.

Further usage of such resources shall be on commercial basis and in conformity with the policies of KIIT-TBI for consultancy/sponsored projects prevailing from time to time. The consideration payable to the KIIT-TBI for usage of departmental resources will generally be in the form of cash (payable by cheque or demand draft), though KIIT-TBI may accept the consideration in the form of equity. However, decision as to whether to accept such consideration in form of equity will be solely rest with KIIT-TBI. Augmentation of resources in the department on account of such usage shall be the properties of the concerned department.

Irrespective of requirements of departmental facilities for usage, all incubatee companies will primarily locate into KIIT-TBI. Apart from company specific infrastructure as stated above, KIIT-TBI will provide certain facilities be shared by all incubatee companies which would include:

- ✓ File Server
- ✓ Laser Printer
- ✓ Photocopier
- ✓ Scanner
- ✓ Shredder
- ✓ Teleconferencing facilities
- ✓ Meeting/Conference room with projection equipment
- ✓ Pantry facilities
- ✓ Common secretarial pool/staff (depending on availability of such staff with KIIT-TBI)

Apart from physical infrastructure as stated above, KIIT-TBI intends to create certain other supports and services which would include:

- a. Pool of mentors, experts in technology, legal, financial and related matters, with or without consideration,
- b. Organising events to help companies in networking and showcasing their technologies
- c. Meetings with visitors of KIIT-TBI (such as successful entrepreneurs, VCs, industry professionals). Incubatee companies can avail of the above support and services when offered by KIIT-TBI. In addition, KIIT-TBI will also build up information and knowledge pool to be useful generically for start-up companies. KIIT-TBI will coordinate with its allied partners and training providers to train the start-up companies.
 - ✓ Training in business management: structured short courses
 - ✓ Training in business communication: written as well as verbal

- ✓ Accounting tools/ software
- ✓ Common secretarial pool/staff
- ✓ Experiences of successful companies – a knowledge/ information site would be created where management concepts, intellectual property evaluations, deal making, negotiations, networking, VC funding, company registrations etc. are provided
- ✓ Networking events/ showcases
- ✓ Tie-ups with chartered accountants and other professional organizations as required

4.3.2 Mentoring and advisory services

Strategic Checkups: The KIIT-TBI Head will meet with company CEOs at least once per month for strategy reviews and discussion of operational issues.

- ✓ Each incoming company is offered a "Mentor." This is a person with extensive business experience or specific industry insight who will advise the company on a limited basis regarding matters of particular importance to the company.
- ✓ A faculty advisor is also associated with the incubatee as a mentor on technology issues.
- ✓ Specialized mentors will also be available to the companies to assist with particular strategic areas or to provide project-oriented consultation.
- ✓ All companies would be provided access to consulting by professionals.

4.3.3 Market research and counselling

KIIT partner organizations provide consulting and market research services to incubatees. Services may include:

- ✓ Market research and opportunity identification
- ✓ Valuation of Businesses
- ✓ Competitor Research
- ✓ Market analysis and sizing
- ✓ Customer Search
- ✓ Electronic Research
- ✓ Marketing plan formulation
- ✓ Consulting on strategies at various stages: Launch, Growth and Harvest of businesses.

Any specialized consultancy work for a specific company has to be paid for by the incubatee directly. However, KIIT DU may provide certain services to all incubatees, which it may choose to bear the complete cost. However, it would be sole prerogative of KIIT to choose who would pay for these specialized services.

5. IPR policy evaluation

This document defines the policy and the procedures for the Intellectual Property filing, ownership, Licensing and Research of KIIT DU and is applicable to all the full and part time employees full-as well as students. The Document may be used as guidelines to enter in Research agreement, Consultancy and other Agreements with external/funding agencies.

5.1 Evaluation of IP

Evaluation of Intellectual Property will be done by the IPC (Intellectual Property Committee). IPC will assist various departments/schools of the University in all matters relating to intellectual property. Among other responsibilities, the IPC will help various departments to secure protection for intellectual property where appropriate and will review infringements, maintain central databases and files of patent applications, issued patents, trademarks and copyrights, licenses and agreements, coordinate with various departments in negotiating and preparing license and other agreements and review and approve as to form all agreements relating to intellectual property.

IPC shall be a standing committee with a tenure of five years. The Vice-Chancellor shall be the Chairman of this committee. Three member shall be nominated by the Vice-Chancellor from members of the faculty in order to provide broad technical expertise across various disciplines. Head, CIR will also be a member of this committee. The committee will invite subject experts as and when required. Evaluation of IP means

- ✓ Determining the ownership of IP and who made the intellectual contribution.
- ✓ Determining whether an IP is innovative and qualifies the eligibility so given under respective statute in India or foreign countries.
- ✓ Determining whether the IP has a reasonable chance for commercialization.

After evaluation of IP, if KIIT DU decides not to take the responsibility for the protection of the IP, then it will assign all the rights of the IP to the inventors. A decision on the annual renewal of IP rights will be taken by the IPC. If KIIT DU decides not to renew the IP, fully or partially, then it will assign the rights of the IP, wherever relevant, to the “inventors.” Promoters should fill an IP declaration worksheet at the time of admission. If some KIIT DU IP is being used, the worksheet should contain the following details.

- a. Intellectual Property that is being transferred from KIIT DU to the company. This can be a patent, software code, copyright, design registration, developed product, algorithms, ideas and inventions, and alike.
- b. If any KIIT DU seed grants have been used in developing the technology which will go into the product(s) of the proposed company.
- c. If any students have worked on the technology and if their work will be incorporated in the product(s).

- d. If funds from Government agencies (DST, MIT, BNRS, DBT) as well as private and public sources have been used in the development of the technology. If yes, what was the understanding with the funding agency in terms of sharing the IP.
- e. If collaborative work with faculty members (who are not promoters) is being incorporated into the product(s).
- f. If any KIIT DU infrastructure (hardware, testing setup, instrumentation, computing resources, processes) has been used in developing the technology that will go into the product(s).
- g. If any consultancy projects were executed in the proposed area.
- h. An agreement with KIIT DU that the IP has been assigned to the company for commercialization.

The entrepreneur would have option of first purchasing the rights of IP from KIIT DU and then being incubated or assigning equity to KIIT DU in the lieu of direct payments to KIIT DU. Applicants, who are current faculty/student innovator aspiring for incubation, shall approach KIIT DU for consultation for IP filing/ transfer of / licensing of IP. They will initiate a letter to the KIIT DU requesting the transfer of IP in favour of a start-up company in the Business Incubator intended to be promoted/ supported by the inventor. The companies or promoters/founders will pay consideration in lieu of the transfer / licensing of/permission to use IP in their favour, which will be decided by KIIT DU as per the information given below. IP transfer/ IP licensing/ permission to use IP will be in favour of only the registered companies.

5.2 Royalty Income Sharing

For transfer/ licensing of/ permission to use IP owned by KIIT DU in favour of the incubatee companies, the costs of securing the property, licensing, including the costs to operate and support a technology transfer office and IPC, and the costs of obtaining a patent or other protection for the property on behalf of the University shall first be recaptured from any royalties or other license payments received by KIIT University and the remainder of such income (including, but not limited to, license fees, prepaid royalties, minimum royalties, milestone payments and sublicense payments) shall be divided as per university rule.

5.3 Product Ownership Rights for Technologies Developed at Institute

- a. When institute facilities / funds are used substantially or when IPR is developed as a part of curriculum/ academic activity, IPR is to be jointly owned by inventors and the institute.
 - i. Inventors and institute could together license the product / IPR to any commercial organisation, with inventors having the primary say. License fees could be either / or a mix of
 - ✓ Upfront fees or one-time technology transfer fees
 - ✓ Royalty as a percentage of sale-price
 - ✓ Shares in the company licensing the product
 - ii. SPV may be requested to hold equity on behalf of institute if needed.
 - iii. If one or more of the inventors wish to incubate a company and license the product to this company, the royalties would be no more than 4% of sale price, preferably 1 to 2%, unless it is pure software product. If it is shares in the company, shares will again be 1% to 4%. For a pure software product licensing, there may be a revenue sharing to be mutually decided between the institute and the incubated company.
- b. On the other hand, if product/ IPR is developed by innovators not using any institute facilities, outside office hours (for staff and faculty) or not as a part of curriculum by student, then product/ IPR will be entirely owned by inventors in proportion to the contributions made by them. In this case, inventors can decide to license the technology to third parties or use the technology the way they deem fit.
- c. If there is a dispute in ownership, a minimum five member committee consisting of two faculty members (having developed sufficient IPR and translated to commercialization), two of the institute's alumni/ industry experts (having experience in technology commercialization) and one legal adviser with experience in IPR, will examine the issue after meeting the inventors and help them settle this, hopefully to everybody's satisfaction. Institute can use alumni/ faculty of other institutes as members, if they cannot find sufficiently experienced alumni / faculty of their own.
- d. Institute IPR cell or incubation center will only be a coordinator and facilitator for providing services to faculty, staff and students. They will have no say on how the invention is carried out, how it is patented or how it is to be licensed. If institute is to pay for patent filing, they can have a committee which can examine whether the IPR is worth patenting. The committee should consist of faculty who have experience and excelled in technology translation. If inventors are using their own funds or non institute funds, then they alone should have a say in patenting.

- e. Institute's decision-making body with respect to incubation / IPR / technology-licensing will consist of faculty and experts who have excelled in technology translation. Other faculty in the department / institute will have no say, including heads of department, heads of institutes, deans or registrars.
- f. Interdisciplinary research and publication on startup and entrepreneurship would be promoted by the institution.

6. Organization capacity, HR & Incentives

- a. KIIT-DU would recruit staffs that have a strong innovation and entrepreneurial/ industrial experience, behaviour and attitude. This will help in fostering the I&E culture.
 - ✓ Some of the relevant faculty members with prior exposure and interest would be deputed for training to promote I&E.
 - ✓ To achieve better engagement of staff in entrepreneurial activities, institutional policy on career development of staff would be developed with constant upskilling.
- b. Faculty and departments of the KIIT-DU have to work in coherence and cross-departmental linkages should be strengthened through shared faculty, cross-faculty teaching and research in order to gain maximum utilization of internal resources and knowledge.
- c. Periodically some external subject matter experts such as guest lecturers or alumni will be engaged for strategic advice and bringing in skills which are not available internally.
- d. Faculty and staff are to be encouraged to do courses on innovation, entrepreneurship management and venture development. In order to attract and retain right people, institute would develop academic and non-academic incentives and reward mechanisms for all staff and stakeholders that actively contribute and support entrepreneurship agenda and activities.
 - ✓ The reward system for the staff may include sabbaticals, office and lab space for entrepreneurial activities, reduced teaching loads, awards, trainings, etc.
 - ✓ The recognition of the stakeholders may include offering use of facilities and services, strategy for shared risk, as guest teachers, fellowships, associateships, etc.
 - ✓ A performance matrix would be developed and used for evaluation of annual performance.

7. Creating innovation pipeline & pathways

- a.** 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 has been devised at KIIT-DU.
 - ✓ Spreading awareness among students, faculty and staff about the value of entrepreneurship and its role in career development or employability should be a part of the institutional entrepreneurial agenda.
 - ✓ Students/ staff would 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.
 - ✓ Students would be encouraged to develop entrepreneurial mindset through experiential learning by exposing them to training in cognitive skills (e.g. design thinking, critical thinking, etc.), by inviting first generation local entrepreneurs or experts to address young minds. Initiatives like idea and innovation competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions, mentoring by academic and industry personnel, throwing real life challenges, awards and recognition should be routinely organized.
 - ✓ To prepare the students for creating the start up through the education, integration of education activities with enterprise-related activities would be done.
- b.** KIIT-DU would link its start ups and companies with wider entrepreneurial ecosystem and by providing support to students who show potential, in pre-startup phase. Connecting student entrepreneurs with real life entrepreneurs will help the students in understanding real challenges which may be faced by them while going through the innovation funnel and will increase the probability of success.
- c.** KIIT-DU has established Institution's Innovation Councils (IICs) as per the guidelines of MHRD's Innovation Cell and allocated appropriate budget for its activities. KIIT IIC would guide institutions in conducting various activities related to innovation, startup and entrepreneurship development. Collective and concentrated efforts would be undertaken to identify, scout, acknowledge, support and reward proven student ideas and innovations and to further facilitate their entrepreneurial journey.
- d.** For strengthening the innovation funnel of the institute, access to financing must be opened for the potential entrepreneurs.
 - ✓ Networking events must be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.

- ✓ Provide business incubation facilities: premises at subsidised cost. Laboratories, research facilities, IT services, training, mentoring, etc. should be accessible to the new start-ups.
 - ✓ A culture needs to be promoted to understand that money is not FREE and is risk capital. The entrepreneur must utilize these funds and return. While funding is taking risk on the entrepreneur, it is an obligation of the entrepreneur to make every effort possible to prove that the funding agency did right in funding him/her.
- e. KIIT-DU must develop a ready reckoner of Innovation Tool Kit, which must be kept on the homepage on institute's website to answer the doubts and queries of the innovators and enlisting the facilities available at the institute.

8. Norms for faculty startup

- a. For better coordination of the entrepreneurial activities, norms for faculty to do start-ups has been created by the institutes. Only those technologies would be taken for faculty start-ups which originate from within KIIT DU.
- ✓ Role of faculty may vary from being an owner/ direct promoter, mentor, consultant or as on-board member of the startup.
 - ✓ Institutes should work on developing a policy on 'conflict of interests' to ensure that the regular duties of the faculty don't suffer owing to his/her involvement in the startup activities.
 - ✓ Faculty startup may consist of faculty members alone or with students or with faculty of other institutes or with alumni or with other entrepreneurs.
- b. In case the faculty/ staff holds the executive or managerial position for more than three months in a start-up, they will go on sabbatical/ leave without pay/ utilize existing leave.
- c. Faculty must clearly separate and distinguish on-going research at the institute from the work conducted at the startup/ company.
- d. In case of selection of a faculty start up by an outside national or international accelerator, a maximum leave (as sabbatical/ existing leave/ unpaid leave/ casual leave/ earned leave) of one semester/ year (or even more depending upon the decision of review committee constituted by the institute) may be permitted to the faculty.
- e. Faculty must not accept gifts from the startup.
- f. Faculty must not involve research staff or other staff of institute in activities at the startup and vice-versa.
- g. Human subject related research in startup should get clearance from ethics committee of the institution.

9. Collaboration, Co-creation, Business relation

- a. Stakeholder engagement would be given prime importance in the entrepreneurial agenda of the institute. Institutes would find potential partners, resource organizations, micro, small and medium sized enterprises (MSMEs), social enterprises, schools, alumni, professional bodies and entrepreneurs to support entrepreneurship and co-design the programs.
- b. The institute has developed policy and guidelines for forming and managing the relationships with external stakeholders including private industries.
- c. Knowledge exchange through collaboration and partnership would be made a part of institutional policy and institutes must provide support mechanisms and guidance for creating, managing and coordinating these relationships.
- d. Through formal and informal mechanisms such as internships, teaching and research exchange programmes, clubs, social gatherings, etc., faculty, staff and students of the institutes would be given the opportunities to connect with their external environment.

10. Periodic Assessment

Impact assessment of entrepreneurial initiatives such as pre-incubation, incubation, entrepreneurship education would be performed regularly using well defined evaluation parameters such as

- a. Monitoring and evaluation of knowledge exchange initiatives, engagement of all departments and faculty in the entrepreneurial teaching and learning would be assessed.
- b. Number of startups created, support system provided at the institutional level and satisfaction of participants, new business relationships created by the institutes would be recorded and used for impact assessment.
- c. Impact would also be measured for the support system provided by the institute to the student entrepreneurs, faculty and staff for pre-incubation, incubation, IPR protection, industry linkages, exposure to entrepreneurial ecosystem, etc.
- d. Formulation of strategy and impact assessment would go hand in hand. The information on impact of the activities would be actively used while developing and reviewing the entrepreneurial strategy.
- e. Impact assessment for measuring the success would be in terms of sustainable social, financial and technological impact in the market.

11. Conflict of Interest

The inventor(s) are required to disclose any conflict of interest or potential conflict of interest. If the inventor(s) and/or their immediate family have a stake in a licensee or potential licensee company then they are required to disclose the stake they and/or their immediate family have in the company. Under these circumstances, it must be ensured by the inventor(s) that their entrepreneurial activities do not have an adverse impact on inventor(s) teaching, research and any other institutional responsibilities.

12. Agreements

The following agreements are required to be signed by the companies to the extent applicable:

a. Incubation Agreement:

Between KIIT DU and incubatee company for admission of the company in KIIT DU.

b. Non-Disclosure agreement (NDA):

Between KIIT DU and incubatee company/Client for availing R&D services in KIIT DU on a case to case basis.

c. Equity agreement:

Between KIIT DU, and incubatee company and its Promoters for KIIT DU's equity holding in the incubatee company.

d. Transfer of technology Agreement/ Technology License Agreement:

Between KIIT DU and incubatee company/licensee for transfer of technology from KIIT DU in the favour of Licensee.

e. Loan Agreement:

Between KIIT DU and incubatee company on sanction of the seed loan to the incubatee company in KIIT DU.

f. Usage of Lab:

Between KIIT Departmental lab and an incubatee company for usage of departmental resources of KIIT University by the incubatee company as per the prevailing policy of Departmental lab of KIIT University.

13. Disclaimer

The incubatee company will understand and acknowledge that KIIT DU intends to provide supports and services to the Company in good faith to pursue its objective to promote entrepreneurship by converting innovative technologies developed in the Institute to commercialization by incubating and supporting new enterprises. It is

Kalinga Institute of Technology-National Innovation & Startup Policy

understood that by agreeing to provide various supports and services, KIIT DU does not undertake responsibility for:

- ✓ Ensuring the success of an incubatee company, its products/ process/ services or marketability.
- ✓ Ensuring quality of support and services provided by KIIT DU to the complete satisfaction of the incubatee companies or their promoters/ founders.
- ✓ Ensuring quality of services of the consultants engaged by the incubatee companies through KIIT DU /KIIT-DU network. Incubatee companies will have to apply their judgements before getting in to a relationship with them.
- ✓ The incubatee companies agree that KIIT DU or their employees shall not be held liable for any reason on account of the above.

14. Others:

- a. KIIT DU does not guarantee success and/or feasibility of the technology transferred from the Institute. KIIT DU or any person representing them shall not be liable for any acts or omissions of the incubated company.
- b. The above policy is subject to periodical review and amendment at any time.
- c. Any/all disputed between the parties shall be referred for arbitration to the Vice Chancellor, KIIT DU or person so nominated by him/her, whose decision will be final and binding upon the parties. The place of arbitration shall be Bhubaneswar.

Annexure 1

IIC Institutes should scout student innovation on the following themes:

1. Healthcare & Biomedical devices.
2. Agriculture & Rural Development.
3. Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
4. Food Processing.
5. Robotics and Drones.
6. Waste management.
7. Clean & Potable water.
8. Renewable and affordable Energy.

9. IoT based technologies (e.g. Security & Surveillance systems etc.)
10. ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML.

Annexure 2

TRL 0 : Idea. Unproven concept, no testing has been performed.

TRL 1 : Basic research. Principles postulated observed but no experimental proof available.

TRL 2 : Technology formulation. Concept and application have been formulated.

TRL 3 : Applied research. First laboratory tests completed; proof of concept.

TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).

TRL 5 : Large scale prototype tested in intended environment.

TRL 6 : Prototype system tested in intended environment close to expected performance.

TRL 7: Demonstration system operating in operational environment at pre-commercial scale.

TRL 8 : First of a kind commercial system. Manufacturing issues solved.

TRL 9 : Full commercial application, technology available for consumers.

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.								

Signature

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						

Sumande

	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							

Sumit

NISP, MoE's Innovation Cell