TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY
Approved by AICTE & Affiliated to Rajasthan Technical University
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Ref: TINJR/ADMIN//IIC/2022/03/01 **Date: 2022/03/22**

NOTIFICTION

The Governing Council of the institute has the considered and approved for adoption and implementation of the Institute Innovation and Start-up Policy 2022 (IISP-2022) in Governing Council meeting held on March 22, 2022.

A copy of the IISP-2022 is hosed on college webpage at https://www.technonjr.org/about/governance/nisp-2022/

For Techno India NJR Institute of Technology
(R.S. Vyas)
Director

R. S. Vyas
Chairman - Governing Council,
Techno India NJR Institute of Technology,
Udaipur.

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National Innovation and Start-up Policy (NISP)

About: The National Innovation and Start-up Policy 2019 for students and faculty in HEIs was launched by Hon'ble Minister of Education, Shri Ramesh Pokhriyal on 11th September 2019 at AICTE, New Delhi.

This policy intends to guide HEIs for promoting students' driven innovations & start-ups and to engage the students and faculty in innovation and start up activities in campus. The policy aims at enabling HEIs to build, streamline and strengthen the innovation and entrepreneurial ecosystem in campus and will be instrumental in leveraging the potential of student's creative problem solving and entrepreneurial mind-set, and promoting a strong intra and inter-institutional partnerships with ecosystem enablers and different stakeholders at regional, national and international level. The policy is being implemented by MoE's Innovation Cell and in coordination AICTE, UGC, state/ UT governments and universities. Implementation of policy has been undertaken for quick adoption by HEIs. The present policy is a way forward to the earlier version of AICTE's Start-up Policy which was launched in the year 2016 to complement the Start-up Action Plan under the Start-up India and Stand-up India Program launched by Hon'ble Prime Minster of India.

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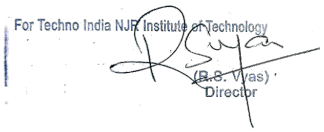
Institute's Innovation and Start-up Policy 2022 (NISP) for Students, Faculty and Staff

Vision

- 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.
- To envision an educational system oriented towards start-ups and entrepreneurship opportunities for students and faculties.
- To provide ways to develop entrepreneurial agenda, managing Intellectual Property Rights (IPR) ownership, technology licensing, and equity sharing in Start-ups or enterprises established by faculty and students.
- To bring high-quality technical human resources in terms of IPR ownership management, technology licensing, and institutional start-up policy, thus enabling the creation of a robust innovation and Start-up ecosystem across Techno India NJR Institute of Technology, Udaipur.
- To help emphasize that entrepreneurship is all about creating a business, which is financially successful.
- To collaborate with the funding agencies and accelerator for start-ups like IIM Udaipur, iStart Rajasthan, and Lemon Ideas, etc.

Mission

- To establish vibrant and dynamic Start-up Ecosystem across all the engineering departments.
- To enable the institute to actively engage students, faculties and staff in innovation and entrepreneurship related activities.
- To create a space for Collaboration, Co-creation, Business Relationships and Knowledge Exchange.
- To facilitate the institute in terms of Intellectual Property (IP) ownership management, technology licensing and equity sharing.



Objectives:

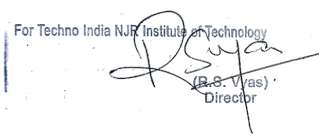
- Rapid Innovation Development
- Entrepreneurship Exposure and Skills Development
- Support Facilities for Start-up Services
- Network with Regional and National Start-up Eco-System
- Industry Support, Corporate & Private Partnership Linkage
- Product & Technology Commercialization
- Seed funding/investment in the institute students' star-ups

Short-term Goals:

- Developing critical thinking skills to motivate students and faculties with entrepreneurial abilities.
- Building Innovation and Incubation ecosystem by providing resources available at the Institute.
- In-house competency development to serve potentiality to the incubators.
- Strengthen the intra and inter institutional linkage with ecosystem enablers at different levels.
- Defining Key Performance Indicators (KPIs) for Entrepreneurial Performance Impact Assessment.
-

Long-term Goals:

- Innovation, Pre-incubation, Incubation and start-up facilities on the campus
- Academic courses offered by the institute on Innovation, IPR and Start-ups
- Obtaining scientific and technical patents by Incubators and Start-ups
- Collaboration, Co-Creation and Technology Exchange and Commercialization
- Emerging successful Innovation and Start-ups from the Institute
- Increase technical employment rate through self-employment by Start-ups
- Developing Key Performance Indicators (KPIs) for Entrepreneurial Performance Impact Assessment.
- Creating societal, ethical and technological entrepreneurs through National Innovation and Start-up Policy.



Processes and Mechanisms:

1 Incubation support

- Setting up a start-up and allowing students and faculty to work part-time for the start-ups while studying and working.
- Creating facilities within the institution for supporting pre-incubation (e.g. IICs as per the guidelines by MHRD's Innovation Cell, Start-up Cell, and Student Clubs, etc.) and Incubation by mobilizing resources from internal and external sources.
- Infrastructure for start-up at subsidised cost.
- Laboratories, Research facilities, IT Services.
- Training and Mentoring to start-ups.
- Licensing of IPR from institute to start-ups for their products.

2 Student support

- Induction program to be conducted the first year students. So that freshly inducted students are made aware about the entrepreneurial agenda of the institute and available support systems.
- Boot Camps, start-up oriented competitions, workshops, design thinking events for students by the Student clubs/start-up cell.
- Every year 'Innovation & Entrepreneurship Award' to recognize outstanding ideas, successful enterprises and contributors.
- Every year Innovation champions would be nominated within the students/ faculty/ staff for each department/ stream of study

3. Faculty Support

- Institute would recruit staff that have a strong innovation and entrepreneurial/ industrial experience, behaviour and attitude. This will help in fostering Innovation and Entrepreneurship culture and ecosystem.
- Faculty and departments of the institutes have to work in coherence and cross-departmental linkages, in a collaborative manner.
- Faculty and staff should be encouraged to do courses on innovation, entrepreneurship management and venture development.
- Expert Sessions and Workshops by Subject Matter Experts (SME)

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4. Networking or Collaborating Support:

- Institute may also link the start-ups to other seed-fund providers'/ angel funds/ venture funds or itself may set up seed-fund once the incubation activities mature.
- Providing support to students who show potential, in pre-start-up phase to link their start-ups and companies with wider entrepreneurial ecosystem.
- Networking events to be organized to create a platform for the budding entrepreneurs to meet investors and pitch their ideas.
- Establishing a Start-up and Entrepreneur ecosystem with Collaboration, Co-creation, Business Relationships and Knowledge Exchange in area.

5 Nurturing Innovation and Start-ups:

- The institute will establish processes and mechanisms for easy creation and nurturing of Start-ups/enterprises by students, staff (including temporary or project staff), faculty, alumni and potential start up applicants even from outside the institutions.
- Students who are under incubation, but are pursuing some entrepreneurial ventures while studying will be allowed to use their address in the institute to register their company with due permission from the President (IIC-MIC).
- The institute will explore provision of accommodation to the entrepreneurs within the campus for some period of time.

- In return of the services and facilities, Technology Business Incubator 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 the institute has no legal liability arising out of startup. The institute will normally take much lower equity share, unless its full-timefaculty/ staff have substantial shares). Other factors for consideration should be space, infrastructure, mentorship support, seed funds, support for accounts, legal, patents etc.
- Participation in start-up 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 start-up.

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- Product development and commercialization as well as participating and nurturing of start-ups 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.

6 Product Ownership Rights for Technologies Developed at DIT University:

- The 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.
- 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.
- If there is a dispute in ownership, a minimum five membered committee consisting of two faculty members (having developed sufficient IPR and translated to commercialisation), two of the institute industry experts / alumni (having experience in technology commercialisation) and one legal advisor with experience in IPR, will examine the issue after meeting theinventors and help them settle this, hopefully to everybody's satisfaction. The institute can use alumni/ faculty of other institutes as members, if they cannot find sufficiently experienced alumni / faculty of their own.
- The institute decision-making body with respect to incubation / IPR / technology-licensing will consist of faculty and experts who have excelled in technology translation. Interdisciplinary research and publication on startup and entrepreneurship will be promoted by the institute.

7 Entrepreneurial Impact Assessment:

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

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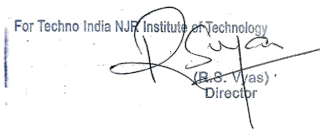
- Monitoring and evaluation of knowledge exchange initiatives, engagement of all departments and faculty in the entrepreneurial teaching and learning will be assessed.
- Number of start-ups created, support system provided at the University level and satisfaction of participants, new business relationships created by the institute will be recorded and used for impact assessment.
- Impact will 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.
- Impact assessment for measuring the success will be in terms of sustainable social, financial and technological impact in the market. For innovations at pre-commercial stage, development of sustainable enterprise model is critical. Commercial success is the only measure in long run.



NISP Implementation Committee:

A committee has been formed by identifying the experts having expertise and experience in the domain of innovation, IPR and start-up to start the work of policy formation and implementation of guidelines at the institute.

S No	Name	Designation	Email ID
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