



*For,
Students and Faculty*

LNDC-INNOVATION AND START-UP POLICY

Laxmi Narain Dubey College, Motihari

(A Constituent Unit of B.R. Ambedkar Bihar University, Muzaffarpur)

East Champaran-845401, Bihar

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Abstract

LND College- Innovation and Start-up Policy (LNDC-ISP) for students and faculty of Laxmi Narayan Dubey College, Motihari will enable the College to actively engage students, faculty in innovation and entrepreneurship related activities. In addition, the framework shall also help the establishment of Intellectual Property Rights (IPR) management system in the College premises. In spite of being a non-technical institute, the LNDC-ISP shall strive to train the college students towards attaining the attitude of creative thinking and become entrepreneur. In addition, the policy encourages the involvement of stakeholders, and clarity in support as well as performance parameters for enabling the establishment of a healthy innovation and Start-up ecosystem in the institute.

1. About L.N.D. College, Motihari

Laxmi Narain Dubey (L.N.D.) College was founded in the year 1966 in the district head quarter of East Champaran, Motihari with a gigantic vision to contribute in the betterment of educational scenario of North Bihar. The college was made a constituent unit of B.R.A. Bihar University Muzaffarpur in 1980 and included in the list of colleges maintained under section 2(f) and 12(B) of the UGC Act, 1956 under the head Government College. Being situated in the heart of the city, since then, the college has been a prominent higher education learning center in Motihari. The courses running in the college campus are: three-year degree courses, vocational courses like Bachelor in Computer Applications (BCA) and B.Ed. The role of the college is to impart education through classroom teaching. It is one of the most popular institutions of Bihar University as it has more than eight thousand students. The faculty members in the college are doing their finest effort in imparting the classroom learning experience to the students. In recent years, the college has made many technological developments. The entire faculty members of the college have been made technology-enabled to keep pace with the state-of-the-art teaching practices at the global level. The establishment of virtual classrooms in the college premises and development of e-contents (video/audio lectures and texts) according to the University syllabus aids a huge fraction of college students in enhancing their learning capacity. Further, the digitization of library, and the establishment of world class recording room and well-equipped seminar hall are one of the few examples of the availability of grand infrastructures in the college. Moreover, the college is becoming the centre of academic excellence through frequent events of national seminars by various departments of the college and publication of research articles by the faculty members in high impact factor journals under the aegis of IQAC cell. As far as the aspects of national security and social activities are concerned, the NCC and NSS units are performing their parts exceptionally.

2. Introduction to NISP

- The ‘National Innovation and Start-up Policy 2019 for students and faculty in HEIs was launched by Former Minister of Education, Shri Ramesh Pokhriyal ‘Nishank’ 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 is instrumental in leveraging the potential of student’s creative problem solving and entrepreneurial mind-set, and promoting a strong intra and interinstitutional 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.
- The below-mentioned channel is launched by MoE to achieve the said goals as:



3. About ARIIA

‘Atal Ranking of Institutions on Innovation Achievements (ARIIA)’ systematically rank education institutions and universities primarily on innovation related indicators. ARIIA considers all major indicators which are commonly used globally to rank most innovative education institutions/ universities in the world.

Objectives:

- Setting direction for HEIs towards streamlining and establishing a strong Start-up ecosystem in campus and region.
- Measuring Innovation & Start-up ecosystem based on Input, Process, Output and Outcome based parameters.
- Focusing on both quantity and more on quality aspects of Start-up Eco-System available at Institute.
- Also measure the impact created by these innovations and Start-up s from Higher Educational Institutions (HEIs) in society and market.
- Aiming at uplifting India’s Position in the Global Innovation Index from 46th to top 30 in a time period of 5 Years.

4. Bihar Start-up Policy 2017

In order to unlock the innovation potential of Bihar, Government of Bihar has formulated and notified Bihar Start-up Policy, 2016 vide Resolution No. – 1849 dated 7th September, 2016. This is to create an independent and transparent ecosystem, where the State shall provide funding, promotion and policy support. With this policy framework along with private participation, the Government aims to enhance the depth and breadth of Start-up ecosystem in Bihar. The State has setup a Trust, with an initial corpus of INR 500 Cr., which acts as the nodal agency for implementation of this policy.

5. Preface of LNDC Innovation and Start-up Policy (LNDC-ISP)

The LNDC-ISP emphasizes on creating a comprehensive ecosystem that will foster the culture of innovation among the students and faculties from ideas generation to pre-incubation, incubation, and graduating from the incubator as successful start-ups. The primary mandate of the committee is to encourage, inspire, and nurture young students by supporting them to work with new ideas while they are in formative years.

Major Focus and Tasks to Achieve through LNDC-ISP:

To-

- Create a vibrant local innovation ecosystem.
- Develop Start-up/ entrepreneurship supporting mechanism in the college campus.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Grow healthier intellectual ability among Students and Faculty members.
- Prepare the college for Atal Ranking of Institutions on Innovation Achievements Framework (ARIIA).
- Conduct various innovation and entrepreneurship-related activities prescribed by Central IIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Constitute network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

6. Committee for LNDC Innovation and Start-up Policy (LNDC-ISP)

The following members are nominated for the LNDC Innovation and Start-up Policy development based on National Innovation and Start-up Policy (NISP) guidelines.

a. External Committee to Supervise

EXECUTIVE INNOVATION COMMITTEE (EIC)		
SI. No.	Members	Designation
01.	Prof. (Dr.) Arun Kumar Principal, L.N.D. College, Motihari	Chairman
02.	Dr. Sarvesh Dubey, Assistant Professor, Dept. of Physics and NISP Coordinator	Convenor
03.	Prof. Satish Kumar Rai HoD, University Dept. of Hindi and Director, Dept. of Journalism, B.R.A. Bihar University Muzaffarpur	Observer
04.	Prof. Premanand, HoD, University Dept. of Commerce and Director, Dept. of Management, B.R.A. Bihar University Muzaffarpur	Senior Advisor
05.	Sri. Rakesh Pandey, CEO, BRAVO Foundation, India.	Industrialist
06.	Sri. Sudhir Agarwal, President, Motihari Chamber of Commerce, East Champaran, Bihar	Industry Expert
07.	Dr. Pramod Kumar Tiwari Associate Professor, Dept. of Electrical Engineering, IIT Patna and Convenor, Incubation and Start-up Activities at IIT Patna	Expert Representative from Nearby Incubation Centre
08.	Dr. Kumar Shubham Director, Double Click Solutions Pvt. Limited, Greater Noida, U.P.	Innovation & Start-up Expert
09.	An IT Expert/Alumnus From Dept. of BCA, LND College	Member

b. Internal Committee to Implement

INTERNAL INNOVATION COMMITTEE (IIC)		
SI. No.	Members	Designation
01.	Prof. (Dr.) Arun Kumar Principal, L.N.D. College, Motihari	Chairman
02.	Dr. Sarvesh Dubey, Assistant Professor, Dept. of Physics and NISP Coordinator	Convenor
03.	Sri. Durgesh Mani Tewari, HoD, Dept. of Economics and NCC A.N.O.	Innovation Ambassador
04.	Dr. Pinaki Laha, HoD, Dept. of Physics and IQAC Coordinator	Innovation Ambassador
05.	Sri. Arvind Kumar, HoD, Dept. of Botany and NSS Coordinator	Start-up Ambassador
06.	Dr. Radhey Shyam, HoD, Dept. of Hindi	Start-up Ambassador
07.	Dr. Kumar Rakesh Ranjan HoD, Dept. of Political Science	Member
08.	Mr. Rakesh Ranjan Kumar HoD, Dept. of Geography	Member
09.	Dr. Subodh Kumar HoD, Dept. of History	Member
10.	Mr. Akash Gautam From BCA	Member
11.	Mr. Aadarsh Kumar From Science Faculty (Part-1, Physics (Hons.))	Member
12.	Ms. Shivani Kumari From Arts Faculty (Part-1, Hindi (Hons.))	Member
13.	An Alumnus from LND College	Member

7. L.N.D. College-Innovation and Start-up Policy (LNDC-ISP)

a. Planning and Responsibilities

With the help of Innovation and Start-up Policy, LND College intends to create an ecosystem that may be helpful in seeding of the attitude of entrepreneurship in young and creative minds. In order to facilitate the development of an entrepreneurial ecosystem in the college premises, explicit aims and related performance indicators have been defined for assessment.

- The implementation of the entrepreneurial agenda will be the responsibility of the NISP Coordinator, LND College to bring in required commitment, which will be supported by the higher authorities and the related internal innovation committee of LND College, Motihari.
- Resource mobilization plans will be made for supporting pre-incubation, incubation infrastructure and other facilities.

- A sustainable financial strategy should be defined in order to reduce the organizational constraints to work on the entrepreneurial agenda. Minimum 1% fund of the total annual budget of the institution may be allocated for funding and supporting innovation and Start-up s related activities through creation of separate ‘Innovation-for-Entrepreneurship Fund’.
- LND College shall provide infrastructural facilities to promote innovation and start-ups related activities.
- Attempts will be made by LNDC to raise funds from diverse sources such as State and Central – Udyog Mitra (Dept. of Industry, Govt. of Bihar), DST, MoE, Start-up India, Invest India, MeitY, MSDE, MSME, etc. and nongovernment sources. Moreover, LNDC shall raise financial funding through sponsorships and donations.
- LNDC will also work with industries/ Venture Capitalist / Govt. institutions to set up an “Innovation-for-Entrepreneurship Fund” to support outstanding Start-ups.
- Furthermore, LND College will actively engage alumni network for promoting Innovation & Entrepreneurship (I&E).
- The LNDC Executive Innovation Committee (EIC) shall direct and monitor the Internal Innovation Committee (IIC) of the College to achieve the aforesaid goals at periodic intervals of time.

b. Local Issues to be Underscored in the LNDC-ISP

- East Champaran is severely Flood Affected Region.
- In North Bihar, Motihari is the center of learning, as huge number of young students gather here to take education.
- Motihari is very close to India-Nepal Border, and Valmiki Nagar Tiger Reserve. It has potential of Tourism, in spite of that poverty in rural areas is prevailing.
- Motihari is unplanned city, lacks ethos of Modern Digital India.
- Motihari has vast majority of unemployed Youths.

c. Long Term Goals for the Next Five Years

- Latest Software Enabled Youths
- Skilled, Self-dependent, Better and Efficient Graduates for ATMA-NIRBHAR BHARAT and Vocal for Local flagship campaign of India.
- To create awareness regarding Local Traditional Knowledges of Champaran, and establish a system to protect and harness the traditional customs and knowledge.
- To create Sources-of-Incomes for LND College.
- To setup an ecosystem of developing and establishing ventures in the college premises.
- To setup an Incubation center with basic facilities to support the Faculty, Students of LND College and other aspirants to build, grow and give shape to their innovative ideas.

d. Start-up s Enabling Institutional Infrastructure and Short-term Actions

1. Initially Create Pre-incubation Facility:

- This is to be used by students of LNDC. Students to be enrolled in Pre-incubation facility. Each student to have a faculty member as mentor. This is a support system for students to “test” their ideas. They will be given maximum nine months to validate their ideas.

- The IIC of the college shall make collaboration with nearby incubators like Incubation Centre at IIT Patna so that the college students and interested faculty members may visit and get benefitted towards their innovative ideas.
- Pre-incubates will get space in the incubator or any other dept to establish proof of concept. Pre-incubation Centre will be accessible to all interested students and faculty members. Moreover, if any of the person outside of the college show willingness to join the same, he may be allowed to avail the facility after proper review by the IIC.
- Pre-incubates to undergo training in Incubation Centres (IIT Patna) to understand more about innovation and entrepreneurship.
- Pre-incubation period will be for a period of nine months.

2. Incubation Center:

- LND College will make efforts to establish an incubation centre within two years in the college campus.
- After completing Pre-incubation phase, Pre-incubate will be registered as Incubate. After their innovative ideas are validated, they can register a Start-up company.
- Eligibility criteria: Students who have completed pre-incubation, Alumni of the College, regular faculty, individuals partnered with Faculty.

e. Nurturing Innovations and Start-up s

- Best Student innovation award will be decided as per LNDC-ISP guidelines.
- Best Mentor award for innovation also will be given as per LNDC-ISP guidelines.
- In return of the services and infrastructural facilities, LND College shall take 2% to 5% equity/stake in the Start-up / company, based on brand used, faculty contribution, support provided and use of college's IPR.
- In case of compulsory equity model, Start-up 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 15 MIC services offered by the institute/incubator. In that case, during the cooling period, institute cannot force Start-up to issue equity on the first day of granting incubation support.
- The institute shall provide services based on mixture of equity, fee-based and/ or zero payment model. So, a Start-up may choose to avail only the support, not seed funding, by the institute on rental basis.
- Pre-incubation Centre will conduct awareness programme every two month on Innovation, Start-up, IPR and Entrepreneurship.
- The centre shall conduct hands-on training workshops on recent technology and tools (like IoT and Android App development) with the help of invited experts.
- The centre shall make arrangements to train and advance the faculty members and students as per the new industrial demand technologies.
- The centre shall conduct special seminars and interactive sessions from successful Entrepreneurs and Start-ups bimonthly.

- The centre shall give priority to spread awareness regarding Intellectual Property Rights (IPR) among the trainees. Through workshops and special lectures, the Pre-incubates will be acquainted with the international and national laws regarding IPR.
- Conduct number of Hackathons among students' community to increase awareness on innovations and Start-ups.
- The centre shall organize some finance related workshops to promote the awareness regarding the marketing, branding platform, and capital arrangement in starting new ventures.

For Faculty Members:

- The faculty members shall be involved as mentors to provide technical expertise or provide capital investment alone. Every faculty may be encouraged to mentor at least one Start-up.
- The permanent faculty who wishes to involve in Start-up on a part time basis can spend a day in a week in the Start-up in addition to their teaching, research and other official activities.
- The Guest faculty/non-teaching staff who wish to involve in Start-up can spend a day in a week in the Start-up in addition to their teaching/ official activities.
- The committee constituted for the purpose shall take decision in granting a Start-up by assessing the proposal submitted indicating the interest/ feasibility/ innovation/ market potential etc. The committee also will review the progress quarterly.
- Revenue generated in the start-up company of LNDC faculty incubated at LND College shall be shared between the faculty member and LND College as per LNDC-ISP policy.
- For staff and faculty, LND College shall claim 10% of shares that staff / faculty takes while drawing full salary from the institution.
- There shall be no restriction on shares that faculty/staff can take, if they do not spend more than 20% of office time on the Start-up 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 Start-up, then they will go on sabbatical/ leave without pay/ earned leave.
- Participation in Start-up related activities needs to be considered as a legitimate activity of faculty in addition to teaching, R&D projects, and management duties and must be considered while evaluating the annual performance of the faculty.
- Faculty/ Research Scholars/ Students/Alumni shall register their company with due permission/information from/to LND College, Motihari.

Amendment: LND College has every right to change, make additions or deletions to improve a text, piece of legislation, etc. in LNDC-ISP 2021 time to time, if finds necessary.

Bibliography:

- National Innovation and Start-up Policy 2019 for Students and Faculty (NISF), Ministry of Education.
- Bihar Start-up Policy 2017, Udyog Mitra, Department of Industries, Government of Bihar.

- Start-up Policy AICTE- 2016, All India Council of Technical Education, November 2016.

Acknowledgements: I thank National Innovation and Start-up Policy (NISIP) Implementation Team for this initiative and providing guidance throughout the process. I express my sincere thanks to our respected Principal Prof. Arun Kumar for his encouragement and support to develop LNDC Innovation Start-up Policy (LNDC-ISP). I thank all the members of the committee on “LNDC Innovation and Start-up Policy’ for students and faculty of LND College, Motihari. My special thanks to Sri. Rakesh Pandey, CEO, BRAVO Foundation India, Dr. Pramod Kumar Tiwari, Associate Professor, Dept. of Electrical Engineering, IIT Patna, Prof. (Dr.) Satish Kumar Rai, HoD, University Dept. of Hindi and Director, Dept. of Journalism, B.R.A. Bihar University Muzaffarpur, Prof. Premanand, HoD, University Dept. of Commerce and Director, Dept. of Management, B.R.A. Bihar University Muzaffarpur, Dr. Kumar Shubham, Director, Double Click Solutions Pvt. Limited, Greater Noida, U.P., and Sri. Sudhir Agarwal, President, Motihari Chamber of Commerce for their valuable insights and recommendations to enable formulation of these guidelines for LND College. I sincerely appreciate the members of Internal Innovation Committee who worked for creating this guideline document and gave their inputs throughout its preparation.

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23.10.2024
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