

**Roadmap for implementation of UGC guidelines on
“Sustainable and Vibrant University-Industry Linkage
system for Indian Universities”**



Dibrugarh University

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**Roadmap of Dibrugarh University for implementation of UGC
guidelines on “Sustainable and Vibrant University-Industry Linkage
system for Indian Universities”**

1. Preamble:

The UGC’s Guidelines on Sustainable and Vibrant University-Industry Linkage system for Indian Universities is based on the recommendations of National Education Policy (NEP) 2020 and primarily emphasizes on the exposure for students to real-life examples and making them globally competent. UGC expects that it is high time for an effective University-Industry linkage to meet and find solutions for global challenges. The NEP 2020 also stressed on providing the students the learner-centric education, exposure to local industries as well as research internships as a part of holistic education as well as for enhancing their employability. The UGC’s Guidelines on Sustainable and Vibrant University-Industry Linkage system for Indian Universities focus on the ‘Atmanirbha Bharat’ mission along with value education emphasized by NEP 2020.

To achieve the goals, UGC sets certain Objectives and suggests important guidelines through “Guidelines on Sustainable and Vibrant University-Industry Linkage system for Indian Universities”. This roadmap is framed strictly based on those objectives and suggestions with basic focus on the appropriate and suitable measures to Dibrugarh University.

2. Mechanisms to boost/make sustainable the Research &Development (R&D) through University-Industry (UI) Linkages:

The first and foremost requirement by the university is to form a **dedicated Industry Relations Cell (IRC)** for collaborations to **University Relations Cell (URC)**s of every Industry including the Micro, Small and Medium Enterprises (**MSME**)’s. The IRC will be the **controlling body** of the university regarding the whole University-Industry (UI) Linkage system. The main objective of the IRC is to enable collaborative project creation

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between a university faculty group and an industry group and the details are enumerated as follows, which is essentially the responsibilities of a university.

2.1. Responsibilities of Industry Relations Cell (IRC):

- a. **Liaisoning with local industry** and enabling the realization of the proposed R&D culture involving Dibrugarh University and the industry.
- b. **Identifying research topics of interest** including those that have local/regional relevance and dissemination of the same among the stake-holders.
- c. **Identification of potential problems** for collaboration, creation of links between the concerned group of an industry and the concerned faculty group of the university and creation of relationships with signed MoU's, as an enabler.
- d. Liaison with the C-hub (**Career Hub**) and IRCs of other universities.
- e. **Explore sources of funding** for the cell.
- f. **To drive the actions** related to supporting student internships and apprenticeship with the help of the **Curriculum development cell (Board of Studies, Academic Council... etc.)** of the **university**.
- g. Monitor the progress of the **UI collaborative** works.
- h. **Recognize UI work**.

3. University-Industry (UI) Linkages for Enhancements of Student Internship and Apprenticeship in Academic and Industrial Systems:

3.1. The university may **appoint the highly experienced industry professionals** on appropriate governance bodies as per requirement of regulatory bodies of the University, viz. Board of Studies, Academic Councils, and on other committees.

3.2. The university may invite **professionals from industry** as "**Professor of Practice**" as per the UGC Guidelines in the University.

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- 3.3. University and Industry may encourage **facilitation and exchanging of experts** for conducting and monitoring of Research and Development (R&D) projects as investigators or consultants in each other's or joint project and consultancy activities.
- 3.4. University may conduct **specialized Workshops and Training programmes** jointly with industry on the developments of science and technology.
- 3.5. The University may approach industries to provide endowments for **creation of advanced facilities and vocational training centers** in the university **as per the requirement of the industry** or for the cause of education of the University.
- 3.6. The University may approach industries to allow research scholars to use sophisticated and costly equipments available in industry for research. Similarly, the universities may allow industry to use the facilities of the university for **testing and certification**.
- 3.7. Industries may be **encouraged to establish industry chairs** in the university and **support scholarship schemes** to attract meritorious young researchers to the university.
- 3.8. The university and industries may jointly work for **development of new technologies** in research labs of the university and take benefit of **technology transfer**.
- 3.9. The university and industries may jointly offer **collaborative degree programmes** tailored for industry personnel or with emphasis on practice for generic aspirants.
- 3.10. Project/Dissertation work of UG and PG students of the university may be effectively executed under **joint guidance of the faculty and experts from industry** on generic or industry problems.
- 3.11. To enhance the UI collaboration, **IRC may liaison** various matters like, appraisal from the university on on-going research, expertise, facilities, equipment, available in the university, and the important events, to the industry.
- 3.12. The IRC may **build and maintain a strong relationship with the URCs** to get updates about the potential problems, facilities available and important events in the industries, which would help the university to upgrade the facilities.

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3.13. University may **introduce compulsory internship programs** irrespective of the field including Arts, Science and Engineering as per the UGC Curriculum and Credit framework for programmes as notified and amended from time to time.

The number of Internship and type of Internship may be decided by the University with the approval of its Statutory Authorities. The University may abide by UGC Curriculum and Credit framework, National Curriculum Framework, and other relevant notification of Ministry of Education (MoE)/other Ministries/ UGC/AICTE etc.

3.14. A student may be allowed to take **additional internships** on the basis of recommendation from the university or on own depending on the type of programme (professional/ non-professional) and own interest.

3.15. The university may designate

i. A faculty member per course to **handle and coordinate** the internships related to the academic programme and

ii. An **overall in-charge**, head or chairperson at the level of the university.

3.16. The responsibility of handling internship may be entrusted to the **Curriculum Development or Placement cell** which may take the help of the IRC for creation of internships.

3.17. The regulatory framework for the courses and the **common framework** for running IRC cell may be created by the university.

3.18. The industries need to be encouraged to offer **paid internships** to students and put in efforts in making the internships sustainable. The industries may be approached by the university to offer **internships as their corporate social responsibility (CSR)** programme.

(During the internship period companies may be requested to ensure the accident insurance protection for the students).

3.19. University should do **periodic or annual evaluation** of the outcomes at their level.

3.20. The **inclusion of vocational education** may also be done in the curricular structure by making some space in terms of credits as well as contact hours. The university may

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offer vocational courses in the form of several electives for students to choose from based on their own interest.

3.21. University may **provide guidance to student through faculty advisors and a dedicated “Student Career Counseling Cell** (comprising of senior members from both the University and from the industry)”.

3.22. The University may use the services of facilities and resource persons from industry and organizations effectively to offer training in an **enriching set of courses**.

4. Sustainability of the Proposed UI Linkage System:

4.1. **Financial sustainability:** The University may provide support to strengthen the mechanisms and may include (but not limited to) the following:

- i. Organization of **Management Development Programmes, Skill Development Programmes** and **Need Based Trainings** in the university. These programs, if necessary, may be customized to the needs of the industry (clients).
- ii. Providing **third party independent audit services and facilities** according to the requirement of the clients, against a certain fee.
- iii. The **scope/linkage may be enlarged to include private sector units** (small, medium as well as big) in addition to the PSUs that are being currently done.
- iv. **Attract long-term CSR funding** from the industry **against mutually beneficial projects** and use this funding to create necessary infrastructure
- v. **Equity-based funding** for entrepreneurial faculty.

4.2. **Administrative sustainability:** For strengthening the UI linkages through research, the following pre-requisites are necessary:

- i. Formation of **various cells and monitoring mechanisms** by the university.
- ii. **Evolution of time-bound programs** for the different objectives by both University and Industry with clear deliverables.

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- iii. Development of an **aggregator platform** that will coordinate and synergize efforts from various quarters (University, Industry/Industry associations etc.).
- iv. **Funding for IRC** from Corpus/CSR funds/government projects/donations etc.
- v. To maintain **sufficient and exclusive/dedicated manpower** to run the affairs of the IRC.

5. **Motivational measure:** The university may adopt (but not limited to) following measures to encourage the faculties and research scholars for a sustainable UI linkage:

5.1 The university faculty may be **properly incentivized** for motivated research related to UI linkage.

5.2 A **UI Day** may be **organized** by University and Industry showcasing the R&D and the other work done for strengthening UI linkages.

Submitted by:

**COMMITTEE TO PREPARE A ROADMAP FOR IMPLEMENTATION OF UGC
GUIDELINES ON "SUSTAINABLE AND VIBRANT UNIVERSITY-INDUSTRY
LINKAGE SYSTEM FOR INDIAN UNIVERSITIES"**

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Dated: 21stth Febuary 2024.