



आईएफटीएम विश्वविद्यालय, मुरादाबाद, उत्तर प्रदेश
IFTM University, Moradabad, Uttar Pradesh
NAAC ACCREDITED

Ordinance

on

“Industry Academia Integration & Skill Development (IAISD) Cell”

IFTM UNIVERSITY

(Established under UPGovt. Act No. 24 of 2010 and approved under section 22 of UGC Act 1956)


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(Prof. Vaibhav Trivedi)
Coordinator
IAISD Cell


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I. OVERVIEW:

The Industry-Academia interaction and thereafter the skill development among students is a system which requires the stakeholders' active participation. A synergistic collaboration and interdependence between the industry and academia would lead to innovation and growth in the education system. It is evident that there exists a gap between the educational credentials and industry requirements. Bridging the gap between industry and academia is the need of the hour. To enhance the employability which would match the industry requirements, the proper planning of the academic framework with the collaboration from industry may be worked on. The industry and academia interface should be strengthened so that it results in an efficient and productive human resource capital for the country.

The objective of the **Industry Academia Integration & Skill Development (IAISD) Cell** is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. All the Stakeholders, namely: Institutions, Industry, Students and Society stand to gain as it can be a win-win partnership. The Institutions stand to gain by way of up to date curricula, source of revenue generation by consultancy and R & D, source of manpower for employment, societal relevance, and most importantly acquisition of brand name/equity; industry stands to gain by way of availability of employable manpower pool, and increased productivity; faculty stand to gain by way of exposure to latest industry practices for more effective teaching learning processes, etc; students stand to gain by way of hands-on training, reduction of learning curve in industrial practices; and, society stands to gain by way of improved quality of goods and services. The main thrust points of IAISD cell are as follows:

- To explore and identify common avenues of interaction with industry
- To give industrial exposure to Faculty members and students, thus enabling them to tune their knowledge to cope with the industrial culture
- To organize Workshops on trending technologies by experts in various field
- To assist the Departments in organizing workshops, conferences and symposia with joint participation of the industries
- To organize industrial visits for Faculty members and students
- To assist the Training and Placement Division
- To organise visits of industry executives and practicing engineers to the university for observing research work and laboratories
- To arrange visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest
- To establish Memoranda of Understanding (MOUs) between the university and industries to bring the two sides emotionally and strategically closer.

AIM:


The main aim of the IAISD Cell is to find out the gap between need of the industry and the end-product of the university. The cell is the bridge between the industry, the real world and the university. Further, industrial exposure of Faculty would aim to guide students about latest industrial practices.

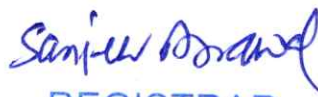
MISSION:

The mission of the IAISD Cell is to provide the podium to showcase the best practices, latest technologies from industry stand point and their implementation in the challenging situations.

VISION:

The vision of the IAISD Cell is to strive for continuous innovations in education, research, creativity and entrepreneurship with an aim to have a transformative impact on society.


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II. Ordinance:**II(A). Constitution:**

A coordinator will be approved by the Registrar of the University for the IAISD Cell in order to supervise and conduct all the activities of the Cell. The coordinator will be appointed for a period of at least one year. At least one member from each school would be nominated by the respective School's Director. The coordinator will assure proper guidance to these members of the respective schools for proper and effective functioning of the Cell.

II(B). Composition:

Industry Academia Integration & Skill Development (IAISD) Cell is formed with the following members from different schools of the University.

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II(C). Objectives:

Objective 1: To cultivate strong links with the industry.

Objective 2: To promote various industrial activities by the faculty members and students.

Objective 3: To have a closer linkage and promote research suited to industry needs, and consultancy which creates a sense of ownership among faculty members.

Objective 4: To enable academics to take a sabbatical in industries; provide internships for students in industries, promote start-ups which will prepare the students better for entering the industry.

Objective 5: To catalyse the further growth and development of interaction between the University and Industry

Objective 6: To bring about Memoranda of Understanding and Agreements with various industrial and research organizations

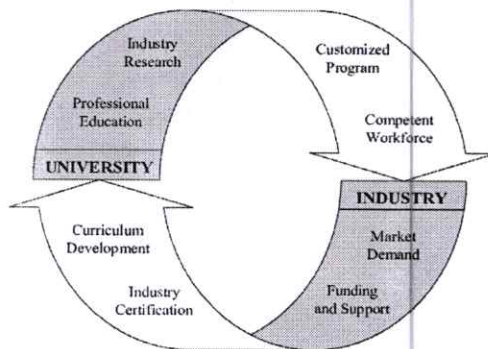
II(D). Policies

- Initiating different collaboration with industries at university level by identifying the industrial expectation and promoting institutional preparation for meeting industrial needs by facilitating project work, seminars, workshops and various other industrial training programmes.
- Identifying the gap in the curriculum keeping in mind the Program Specific Outcome of their respective department and cater to them by initiating different events, workshop, industry visit etc. in collaboration with different industries.
- Encouraging the tie-ups or MoUs with Industries for the mutual benefit.
- Promoting startups, consultancy activities and research and developmental activities with industry.
- Enriching the teaching learning process through identified industrial gap.
- Inviting industry experts for guest lectures, seminars, Brain-storming sessions and expertise sharing.

II(E). Mechanism:

The Industry-Academia Integration would accrue mutual benefits when a symbiotic relationship is developed between the two systems. The ultimate aim of this relationship will be the creation of confidence in industry by the University which would result in industries involving voluntarily with the University at various stages of its development.

The development of such symbiotic relationship requires, firstly, careful understanding of the industry needs such as relevant R&D, cost effectiveness, time bound programmes, technology upgradation etc. by the University and, in turn, understanding the capabilities and limitations of the university by the industry.



II(F). Functions

a. Industrial Research & Consultancy

- Industrial testing (Proofing & Calibration)
- Sponsored industrial research
- Use of industrial labs by University
- Use of specialized database / lab equipment of University
- Research guidance from industry
- Creation of collaborative labs / testing centre at University
- Joint research publication
- Solutions for field problems
- Analysis & Design problems
- Research fellowship support
- Joint patents
- Creation of industrial chair to support research

b. Continuing Education for Industry

- Short-Term Training Programmes
- Onsite Educational Programmes
- Part time Educational Programmes
- Collaborative Educational Programmes

c. Industry-Institute Exchange

- Visiting faculty from industry
- Training programmes / Short term assignments to the faculty members in industries
- Joint industrial projects for faculty
- Participation of industrial experts in curriculum design
- Memorandum of Understanding between the university and industries

II(G). Modes of Integration

a. Consultancy Projects

- Short term projects to solve specific problems of industry
- Expected results at the end of the project maybe defined at the beginning

b. Sponsored Research Projects

- Long term projects for new knowledge generation in current, emerging and futuristic area
- Deliverables may include IP generation, manpower development and publications

c. Sponsorship of Students / Student Projects

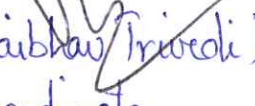
- Industry may sponsor a student in a field of their interest
- Sponsorship includes a stipend and a contingency grant
- Visibility through skilled manpower development support

d. MOUs/ Precompetitive Consortia

- Enables resource pooling for research in emerging areas
- MOUs with IFTM University through a consortium for mutual benefit of all stakeholders
- Industry - Academia - Government consortia also possible

II(H). Review

Proper feedback on the functioning of the cell from faculties and student will be collected for better monitoring of the IAISA Cell. All the feedback (grievances and advices) from each stake holder will be collected, reviewed and used to improvise the methods to achieve our goals.


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