



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

Ordinance
on
Online Education
&
Learning Management System (LMS)
Cell

IFTM UNIVERSITY

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Overview

We have entered an era of blended learning. Online learning has become absolute need of the time along with classroom learning. Since, human being is a perpetual learner, it has become mandatory to provide learning platforms which can be accessed at any place, anytime. Every individual and institute should be engaged in the teaching learning process and create such material and provide access of these resources to one and all.

Learning has been the single most effective tool in evolution of mankind. Holistic growth and development of any person and community in general has ever been dependent upon provisions of learning and education in all stage's life.

To sustain lifelong learning, it is compulsory to create and make available these online learning resources.

Online education is the need of the hour. Considering the current situation of the pandemic, University has made a decision regarding the prevalence of online education to make the University curriculum more accessible to the students. The purpose of doing so is easy access to education for every student. Here, are the main advantages of LMS cell:

1. Boosts student's engagement and achievement
2. Saves time on daily teaching activities and tracks student progress at each learning stage
3. Enables students to learn at their own place
4. Learning and teaching can happen anywhere, anytime
5. Hassle-free implementation and use
6. Reduces costs related to paper use, licenses, classroom facilities and even more

LMS AND ONLINE EDUCATION

LMS is an abbreviated form of "Learning Management System". It is a web-based application for E-learning programs and training contents. It is a software application for the administration, documentation, tracking, reporting, automation and delivery of educational courses, training programs, learning and development programs. It is designed and established to administer all aspects of online education from admissions to certification with all factors being functional.

This application includes:

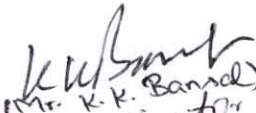
1. Teacher- student administration.
2. E-learning programs and training contents
3. Courses and online events
4. Internal communication system (built in mail)
5. Documentation
6. Tracking and reporting of E-learning programmes
7. Forums to interact between students and teachers
8. Supports portability and standards
9. Display of scores and transcripts
10. Providing SSL security system

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IFTM University aims to use LMS for several things like managing learners' progress and monitoring their performance. On the other hand, E-Learning platforms are much easier to use and more attractive in terms of interface that can be used for initial phase. IFTM University can choose between these two, based on requirements and their features. If we are looking for a professional platform, then we should choose LMS. On the other hand, if we are looking for a tool to create and manage our content, then E-Learning can be a choice.

Our university understands the need and resolves to undertake the task. We shall make online education functional and accessible to one and all.


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I. ORDINANCE

IA. CONSTITUTION

IAa. A Coordinator will be approved by the Registrar for the cell in order to supervise and conduct all the activities. The coordinator will be appointed for a period of at least one year.


IAb. At least one member from each school would be nominated by the respective School's Directors. The coordinator will assure proper guidance to these members of the respective schools.


IAc. A core committee of 3-5 members will be selected from the members of each school every year to manage the whole system of LMS headed by the Co-ordinator.

IAd. A Committee (with 2-3 members) as SPV (Special Purpose Vehicle) would be formed to carry out a specific task as per need.

IB. OBJECTIVES

Objective 1: To work in accordance with the Online Education Policy of UP Government with broad reference to the UGC.

Guidelines provided by the University Grant Commission (UGC) <u>Annexure 1</u>	 Annexure 1
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The detailed policy of the UP Government on Online Education can be found in <u>Annexure 2</u>	 Annexure 2
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Objective 2: To inform and motivate students about various online courses.

Objective 3: To prepare LMS of the University and ensure its proper functionality.

Objective 4: To perform all the operations of the University through Digital Medium.

Objective 5: To provide preloaded text in Library.

Objective 6: To establish E-learning park in the University.

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Objective 7: To establish E-Suvidha Kendra under PPP model in your area and thus provide internet and computer facility to the students at a minimal cost, as the Internet facility in the University is free for all, there is no need of E- Suvidha Kendra.

Objective 8: To finalize the cost of various operations of E-Suvidha Kendra.

Objective 9: To help the students in Credit transfer system of Online Courses.

IC. POLICIES

ICa. To create **Online Learning Resources** in each and every form (text, videos etc). Faculties would be guided for the same by the Co-ordinator and members. This would provide easy access of contents to the students as well as faculties. For each subject, the online learning material will be created by the respective subject teachers, while the members will make sure that the content should be timely uploaded for the students (or other members of the society) to access it.

ICb. To create access routes for students as well as faculties. Here, by the term 'access routes, we mean the accessibility interface between faculties and students. Also, the students would be explained how they can access the online learning resources facilitated by the University and other sites.

ICc. To motivate students as well as faculties to be a perpetual learner. Motivation plays a major role in education and hence can result in productive outcomes.

ID. METHODS

There are wide variety of learning styles that students have and also a wide variety of learning methods that teachers can utilize in their classrooms in order to help their learners. As teachers are transitioning to online learning, it may be a good time to evaluate their lesson plans and tactics and decide what is the best approach for the students.

Initiative taken by the university so far:

IDa. LMS design and establishment (ongoing process)

IDb. Tutorials created for awareness regarding online education

IDc. Motivating students to get enrolled in various online platforms(NPTEL, Spoken Tutorial, etc.)

IDd. Creating contents(text, videos etc) for the students to access.


IDe. To establish access routes and links. These links would be made available to the students in the university site. In order to form links tabular fields would be created to input the learning resources for the students and other members of the society to access it.

IDf. To upload all the learning resources after due screening of the respective subject's contents (text, video, etc.).

IDg. The members of the cell will aware the faculty members of their respective Departments about various task assigned.

IDh. The members, in turn will motivate / aware the students about various activities regarding this cell.

Idi. The members of the cell will motivate / inform all the faculty members of their department/School about various online programs, so that the faculty members can pass this information to the students.


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IDj. Creating LMS system for the University and thus to ensure that each of the member is inspiring the faculties and students to use that system.

IDk. To request for various hardware and software infrastructure required for creating LMS of the University.

IDl. We are already using an ERP system with the help of which various modules of the University system like Student management, Admissions, Examination, and Attendance etc are functioning through Digital Medium and if any other module is required, we can get it covered with the help of our ERP.

IDm. Central Library in the University is using a D Space with the help of which all the Pre-Loaded Text, which include Books, Journals, Papers, etc., are provided to the faculty and students.

IDn. The University is providing Free Internet facility through wired and wireless medium to all the students and also to all the departments to have a dedicated Computer Lab with all the advance facilities which is being used by the students as per their convenience.

IE. REVIEW MODERATION

Proper feedback on the functioning of the cell from faculties and student will be collected for better monitoring of the LMS 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.

II. Formation of Cell

IIA. Composition of Cell:

A cell has been constituted with the following core committee members and members from different schools.

Core Committee members

S. No.	Name of faculty	School /Department/ Unit	Designation	Contact no.	Email ID
1	Mr. K.K. Bansal	Training and Placement cell	Co-ordinator	9837905666	directortnp@iftmuniversity.ac.in
2	Dr. Lalit Johari	School of Computer Science and Applications	Member	9997213060	lalit_johri@iftmuniversity.ac.in
3	Mr. Harpreet Singh Chawla	School of Computer Science and Applications	Member	8899769800	harpreetchawla@iftmuniversity.ac.in
4	Dr. Amanpreet Kaur	School of Sciences	Member	7017956178	Amanpreet.Kaur@iftmuniversity.ac.in

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IIB Members from different Schools

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3.	Dr. Amanpreet Kaur	School of Sciences	Member	7017956178	Amanpreet.Kaur@iftmuniversity.ac.in
4.	Dr. Vijay Sharma	Pharmacy Academy	Member	9045537375	vijaysrampur@gmail.com
5.	Dr. Harpreet Singh	School of Pharmaceutical Sciences	Member	8865934783	singharpreet747@gmail.com
6.	Dr. Megha Bhatia	School of Business Management	Member	9837350198	megha_bhatia@iftmuniversity.ac.in
7.	Mrs. Ankhi Gulati	School of Engineering and Technology	Member	9458526285	ankhigulati91@gmail.com
8.	Mrs. Shweta Srivastav	School of Biotechnology	Member	9410827155	shweta.sharma@iftmuniversity.ac.in
9.	Mr. Abhay Sani	School of Agricultural Sciences and Engineering	Member	8077927189	abhaysaini.mbd@gmail.com
10.	Dr. Pradeep Kumar Tiwari	School of Social Sciences	Member	9936639744	pradeep.tiwari115@gmail.com
11.	Mr. Gaurav Bharti	School of Law	Member	7417942901	gauravbharti298@gmail.com
12.	Mrs. Madhavi Gupta	Electrical Engineering	Member	7905012865	madhavigupta0510@gmail.com

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III IMPORTANT LINKS

IIIA. <https://swayam.gov.in/>

SWAYAM (meaning 'Self') is a Sanskrit acronym that stands for "**Study Webs of Active-Learning for Young Aspiring Minds**" is an Indian Massive Open Online Courses (MOOC) platform. SWAYAM is an initiative launched by the then **Ministry of Human Resource Development (M.H.R.D.)** (now Ministry of Education), Government of India under Digital India to give a coordinated stage and free entry to web courses, covering all streams advanced education, High School and skill sector courses. It was launched on 9th July 2017 by The Honorable President of India.

IIIB. <https://www.swayamprabha.gov.in/index.php/home>

The **SWAYAM PRABHA** is a group of 34 DTH channels devoted to the telecasting of high- quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be a new content for at least (4) hours which would be repeated 5 times in a day, allowing the students to choose the time of their convenience. The channels are uplinked with BISAG, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

IIIC. <https://ndl.iitkgp.ac.in/>

National Digital Library of India (NDLI) is a virtual repository of learning resources, which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its "National Mission on Education" and through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and that too in a minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and also for job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

IIID. <http://epgp.inflibnet.ac.in/>

e-PG Pathshala is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC.

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IIIE. <https://www.e-yantra.org/>

IIT Bombay envisages the '**e-Yantra**' platform to harness the intellectual talent of young India to create utility based robotic applications for usage across variety of applications such as: agriculture, manufacturing, defense, home, city maintenance and services industries.

IIIF. <https://vidwan.inflibnet.ac.in/>

VIDWAN is the premier database of profiles of scientists / researchers and other faculty members working at leading academic institutions and other R & D organizations involved in teaching and research in India. It provides important information about expert's background, contact address, experience, scholarly publications, skills and accomplishments, researcher identity, etc. The database is developed and maintained by Information and Library Network Centre (INFLIBNET) with financial support from the National Mission on Education through ICT (NME- ICT). The database would be instrumental in selection of panels of experts for various committees, taskforce, established by the Ministries / Govt. establishments for monitoring and evaluation purposes.

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