UNIVERSITY OF MYSORE
(Re-accredited by NAAC with 3.47 CGPA of 4.0 Scale)
(NIRF-2020 Ranked 27 in University Category & 47 in Overall Category)
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Notification

Subject: ASSESSMENT CRITERIA FOR OFFERING ONLINE PROGRAMMES THROUGH NON-SWAYAM LEARNING PLATFORM

I. Provisions:

Learning Platform, other than SWAYAM, used for delivery of online programs are assessed by a Technical Expert Committee duly constituted by the Commission and the learning platform broadly has the following provisions:

S.No.	Provisions	Details	Compliance & Availability (Yes/ No)
01	**User and Course management**	**User Management:** Role-based authentication, User Registration, User Profiling along with the personalized dashboard. User's activities analytics. Learning Management System should have an Application Programming Interface, Integration facility to integrate with external applications/ tools	Yes
		Course Content Management: Learning Management System must support all types of files (PDFs, docs, MP3s, MP4s, etc.) and e-Learning formats, and data collection capabilities.	Yes
		Capability for Personalized Learning Experience: The platform should allow creating personalized learning paths along with criteria that are necessary to be met before they move on to the next content	Yes
02	**Collaboration and Communication**	The platform is able to foster communication and peer-to-peer interaction among learners with features such as online chats, discussion forums, user groups, built-in messenger, etc.	Yes
03	**Assignment and Quiz management**	Self-assessment creation (assignment, quiz), announcement. It shall support all types of Questions (Multiple Choice Questions, True and False, Matching, subjective short and long questions, etc.).	Yes
04	**Accessibility across Devices and Mobile Learning**	Learning Management System shall allow its learners to access courses on different devices, i.e. Personal Computers, Laptops, tabs, or smartphones.	Yes

05	**Security and Privacy**	As the Learning Management System holds personal records of learners' it is important to ensure that the Learning Management System has privacy controls, protected logins, and utilizes secure server locations to keep users' data safe.	Yes

II. Parameters for Assessment of Online Platform:

The institute ensures the assessment of a non-SWAYAM platform by the technical Expert Committee that shall be broadly based on the following parameters, along with any other criteria as notified by the Commission from time to time:

S.No.	Criteria	Availability
1.	User-friendliness	*1. Attractive, User friendly User Interface (UI/UX)* *2. Responsive Web Design, to allow for Desktop, Tablet & Mobile Access.* *3. Lightweight Frontend Design for access to Students in Low Bandwidth too* *4. Designed keeping 4Q Approach in Mind , with multimedia content, assignments, tutorials, virtual classroom sessions, examples and case studies*
2.	Content Storage and Management provisions	1.University of Mysore – EMRC / MLRC assists in development of content. State of Art Studio and Production facilities under CEC, UGC at Campus. 2. Content Stored at Amazon Cloud Storage Facilities, with multiple location storing for speed of delivery as well as redundancy. Data Centers Used for high speed & 100% availability. 3. Video Content Delivered through CDN- Content Delivery Network from Amazon Data Centers and Edge Locations 4. Content Stored & Backed up in University Data Storage facility for Disaster Recovery
3.	Synchronous Interaction provisions (video/audio conferencing, live chat, etc.)	1. Text – Chat using Chat Widget, between Student – University, and Student to Student as well. 2. Audio/Video – Virtual Classroom facility for Live lectures.
4.	Asynchronous Interaction provisions (Discussion Forum, Blogs, Wikis, etc).	1. Discussion Forums for Students & Faculty to Interact over various topics 2. Blogs for Students & Faculty to create personal blog sites. 3. Wiki for Department & Course wikis to be created & maintained by the student and faculty. 4. Forum Query mode for Academic Queries

5.	Learner engagement provisions (interactive content, activity management, group projects).	1. Mentoring System in Place, with Mentor – Mentee Interaction for regular followup, counselling or encouragement. 2. Personalized Learning using AI & ML to identify learning gaps, and aid students to put in efforts the right parts of the course ware. 3. Student Community features such as chat and forum for Group Projects. 4. Award Badges for various metrics achieved, such as videos watched, hours logged in etc. on platform to encourage students to remain engaged.
6.	Peer group interaction provisions (social media integration, group activity, breakout rooms, etc.).	1. Peer Group Interaction, based on Program enrollment and course enrollment (Cross Program), via chat systems and forum systems. 2. Students encouraged to contribute to the UOM Learning Community
7.	Learning Communities/ Research forums	1. Students encouraged to use Learning Communities and Forums such as Google scholar, Microsoft Academic, Google Books etc. 2. Integration with SWAYAM
8.	Adaptive learning provisions (skill gap analysis, personalized content)	• System designed to identify specific areas of weakness and strength in students understanding of a course topic with feedback loop from the Self-Assessment and Continuous Assessment Systems and make recommendations to students accordingly. • System designed to evaluate students across cohort on a percentile as well as on standalone percentage basis for allowing for better learning feedback. • AI Botto help students on individual basis based on AI & Machine Learning Inputs of Student Activities
9.	Provision for grouping the learners with different mentors	• 1 mentor to be assigned for 250 learners as per the regulations • Initial Mentors Identified for the entire list of Programs. • Dashboard and Login to appropriate tools for Student tracking & communication available
10.	Dashboard options for all the stakeholders	• Dashboards available for all levels of stakeholders – Administrative, Program Coordinators, Course Coordinator, Mentors. • Dashboards with access to Important Metrics, Recent events, and required short links to tools etc.
11.	Proctored examination methodology	• Availability of Both In-Center Based Proctoring System, and Online Web Based Proctoring System, for credible and malpractice free examinations. • Centers Proctored via live video link, and use of Mobile App

		for Invigilator Process of Student ID and Checkin • Online Exams Proctored using Webcam Live Link, alongwith streaming of desktop view. Entire Session Physically monitored realtime and also recorded and kept for validation or integrity checking at anytime.
12.	Examination support- Multiple choice and Long/ Short answers	• Platform allows MCQ & Long Form (Objective/Subjective) Type Questions. • Test Papers / Question Sets are randomly picked as per a "blueprint" / exam regulation preloaded online. • MCQ/Objective questions are scored automatically by the system. • Long Form/Subjective Questions are allocated to Course Examiners for evaluations. • Facility for Online student registrations and exam scheduling as per exam slots available based on proctor availability • Objective Type Continuous Assessments / Self Assessments Tests can be scored and results announced automatically. • All Student ID's verified using Face and ID Capture using webcam. Allows for Facial recognition to be used for confirmation as well.
13.	Provisions for Online assignment creation, submission, and grading	• Online Assignments can be created by faculty on any particular topic or course area and added to course plan. • Submission of Essay Type / Project Type Assignments using platform, with online evaluation and feedback as well as result declaration available.
14.	Availability of tools to keep students informed about activities, performance, etc.	• Alerts – email and chat widget based, triggered on various metrics. • Regular email reports on student's activity and progress, mapped individually as well as across the course cohort. • System triggered text messages and emails for all course deadlines etc.
15.	Plagiarism check provisions	• Tool to check submissions for plagiarism across 20+ million Books, 35+ Billion Web pages, and 1+ million Journals • Tool flags suspected plagiarized portions as well as mentions possible sources.
16.	Methodology for online payment gateway	• Online fee payment gateway to allow for payments using Credit / Debit Cards as well as all available Indian Netbanking systems. • Fee payments also accepted via Bank Transfer with Online Submissions of Proof of Payment for account entry matching and reconciliation
17.	Flexibility in browser support and responsive designs on site.	• All major browsers supported, including Chrome, Firefox, Internet Explorer etc. • All Student facing sites designed in responsive method, to

		allow for any screen size usage
18.	Support for the standard four-quadrant approach	• Platform is designed in accordance to 4Q approach recommended
19.	Provision of online award of certificates/degrees	• Online Certificates issued for various courses completed. • Program Completion Certificate / Diploma / Degree Issued and made available to student. • Online Completion Certificates to be digitally signed by Statutory Authority – RE • Certificates to be mapped and made available on NAD – National Academic Depository
20.	The proposed methodology to train the faculty to effectively Design Develop and Deliver Massive Open Online Courses (MOOCs).	• Workshops and Faculty Development Programs to be conducted regularly in Academic Staff College • Faculty interested in Content Design and Development to be encouraged to submit proposals for new courses, to be evaluated by the University authorities on a regular basis
21.	Security features from transparency and credibility perspective	• Logins authenticated with email and mobile number verification at registration phase. • ID's verified manually – against AADHAAR / Passport or other accepted forms of Government issued ID at registration • Each subsequent login verified using OTP on email or sms • Each login IP and Geolocation tracked. • Student's picture captured before each assessment. Can be matched using facial recognition. • ID's required to be verified via video before each exam. • Examination Proctoring Videos recorded and kept for integrity checks later as and when required.
22.	Scalability for maximum users & number of users able to log in simultaneously	• System provisioned for 25,000 registered active users, with cloud computing allowing theoretically unlimited scalability. • Simultaneous logins of 8000 users provisioned, with automatic scale up using Amazon Web Services Cloud Computing instances.
23.	The proposed methodology to ensure that the faculty engages with the student motivates them and assesses them	• Students polled regularly with online survey for faculty feedback, checking on faculty engagement and support • Student feedbacks via Mentors regarding faculty to be kept confidential and reported accordingly to Program Coordinator for further action.
24.	Provision for an appropriate organizational setup in the HEI for maintaining and running the platform.	• Director & Center Coordinator, alongwith required and mandated organizational setup in Separate Center facility within the campus already setup. • Program and Course Coordinators, and Academic support staff identified and deputed from within various departments / schools.

25.	The proposed methodology to ensure the quality of courses.	• IQAC cell to survey all stakeholders on the various parameters to ensure quality maintenance and continuous improvement in the same. • IQAC cell to issue report on findings, action taken and further suggestions and guidance periodically. • Student Feedback on Course Quality, and Course Content Quality taken on Platform, and used to collate quality measurement. • Student Survey to measure satisfaction regarding course quality conducted.

Kind regards,

Yours faithfully

REGISTRAR

Registrar
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Mysuru