

MIZORAM UNIVERSITY ACTION PLAN 17 BY 17
(Developed by the Committee on Action Plan 17 by 17 for Digital Campuses)

SWAYAM

1. Approval of Swayam Courses by Competent Authority:

The 32nd Academic Council agreed implementation of MOOCs (Massive Open Online Courses) in principle and courses offered under SWAYAM have been considered. Further, there is a proposal to develop job oriented and skill based MOOCs by Mizoram University tenders on their own as per the necessity of stake holders.

2. Publicise the Swayam Courses :

Mizoram University decided that Swayam Courses, approved by the Academic Council, would be duly publicised by printing posters displaying through website, whatsapp messages, facebook posts and twitter accounts of the University, so as to reach as many people as possible to give benefit of these courses.

3. Preparation of New Swayam Courses:

Mizoram University agreed to identify and encourage the talented and willing teachers, who can develop and place their courses on SWAYAM Platform. Before placing of such courses on SWAYAM they would be communicated to the National Coordinator for approval and for funding to prepare the courses.

4. Retraining of Teachers:

The University decided to conduct a centralised Orientation Programme for all teachers to enable them to use the SWAYAM Courses during their teaching, so as to follow a blended learning process for improving the students' learning outcomes and awareness regarding the importance of MOOCs is to be provided to all the stake holders of the University.

5. Monitoring Cell :

The University decided to constitute a Digital Learning Monitoring Cell headed by a senior teacher having the required expertise and understanding **OR** rename the existing committee on **Advisory-cum-Monitoring Committee on MZU Digitization** as Digital Learning Monitoring Cell, so as to have regular review of status of use of digital resources and suggest measures to further improve their utilization by the University and its affiliated colleges. The Director CDC also to be included as a member in the proposed Digital Learning Monitoring Cell.

SWAYAM PRABHA DTH CHANNELS:**6. Buying of Free Dish for Accessing SWAYAM Prabha Channels:**

The University authorised the Vice-Chancellor to look into the matter relating to purchase of DD Free Dish from the market, and instruct the Purchase committee of the University to do the needful for its configuration and install in as many classrooms as possible. While doing so both recurring and non-recurring costs would be taken into account. Further the Director CDC would also be directed to convey to all affiliated colleges/institutions for setting up and operationalization of these channels.

7. Orientation of Teachers:

The University decided to conduct an Orientation Programme for teachers, students and officials of examination branch in SWAYAM Courses.

NATIONAL DIGITAL LIBRARY:**8. Joining of National Digital Library (NDL):**

The University decided to issue an advice to the Librarian of Mizoram University as well as to the Principals of affiliated and constituent colleges through the Director CDC to immediately join the National Digital Library at <https://ndliitkgp.ac.in>, so as to help students to access 80 lakh digital resources at no cost, and take necessary action to ensure that all students login and join the NDL, and while doing the class work/assignments they may be asked to use these resources.

Digitalization of Library:

The University decided that University library would be advised to initiate the process of digitalization of library resources in a time bound manner, and share it with IIT, Kharagpur, so that our library resources can also be added to the digital resources for greater sharing of digital resources by all institutions and vice a versa.

9. National Academic Depository (NAD):

The University had joined the NAD by signing MOU with NSDL (National Security Depository Limited) for uploading of past certificates/degrees/diplomas issued by the University. It has been decided that only uploaded certificates (degrees) diploma in NAD shall be issued by Mizoram University.

OTHER DIGITAL INITIATIVES:**10. Digital Campus:**

Mizoram University had digitalised admission, online leave, health centre module, stock maintenance, quarter allocation, academic calendar, transfer & posting details, hostel management module, result declaration, pay roll & pay slip and other financial transactions by the University. However, the University is committed for the

remaining tasks like online job application, assessment & attendance of students, complaint management system, electric bill generation etc., some of which are in the final stage of their digitalisation, Further, the University is opined that the on-going instalment/expansion of Wi-Fi facility should also cover the quarter areas of faculty and office staff.

11. Smart Campus:

The University decided to further strengthen its initiatives for efficient and economical use of water, electricity and waste. Besides, the University would ensure that the Solar Geezers installed at Residential Quarters, University Guest House, UGC-HRDC, Guest House, Hostels etc. are maintained properly, so as to enhance its savings in the long run.

12. Clean Campus:

The University administration and Academic departments are cleaning their surroundings on regular basis under Swatchh Bharat Abhiyan. Besides, the public toilets at different locations in the campus are to be given special attention.

13. National Digital Payment Mission:

The University had taken steps as per the direction of National Digital Payment Mission and initiated conducting of training programmes like BHIM by the System Administrator, ICT Centre for various stakeholders in the University.

14. Unnat Bharat Abhiyaan:

The University decided that during vacation and lean period the university teachers and students, under its outreach programmes, would organise camping in the adopted villages and share their understanding on digitalized payments etc. with the villagers. This process, if possible, would be streamlined and extended even to non-adopted villages.

15. Innovation Drives

In order to encourage students and teachers to think out of box for innovative solutions, University would organise events like hack-day, hack-fest or code-fest etc. in which computer programmers, software development experts, including graphic designers, interface designers, subject-matter-experts, should be invited. Besides, the University would encourage its students, teachers and officials to participate in such activities under hackathon programmes organised by other government and non-government agencies. Further, the Dean, School of Engineering & Technology shall explore possibilities for inclusion of aforesaid activities in their Technical Fest.

PLANNING**16. Plan for Future:**

Following are future plan for the Mizoram University:

A. 3 YEAR ACTION PLAN**(i) Infrastructure & Equipments****(a) buildings**

- Construction of building for Department of Architecture
- Extension of Central Library,
- Extension of Building in Deptts. Of IT, EE with Departmental Library
- Hostels
- Academic building at PUC
- International Students Hostel (Boys)
- Lecture Complex
- Laboratories Complex.
- Deptt. of Physical Education
- Construction of building for opening of Clinical Psychology (M.Phil/Ph.D.) level, Anthropology at PG level, Law at PG. level & Ph.D. level

(b) Campus development

- Solid waste management & Sewage Treatment Plant
- Internal roads
- Parking stand/shed for motor vehicles
- Rainwater Harvesting
- Campus Beautification
- Amenities/Facilities
- Electrification – enhancement of 780KWP Solar plant & replacement of existing lights with LED
- Improvement of Medical Centre (bed for patients, Seminar Hall, Departmental Library)
- ICT facilities for Hostels
- Central Computer Centre
- Internet Cafe
- Pharmacy
- Multipurpose Seminar Hall
- Shopping Complex
- Students Centre
- Gymnasium

- Indoor Stadium
- Departmental Store

(c) **Equipments**

- Provision of smart board for each academic departments & conference halls
- Wi-fi enabled Campus for all stakeholders
- Basic diagnostic equipments (x-ray, USG, ECG, ERBA Chem 7 analyser & accessories)
- Automatic fire suppression for central library & others.
- Strengthening of Laboratories and Equipments for SET
- Construction of Laboratory in Civil Engineering, Deptt. of IT
- Confocal Microscopy System
- Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) for Forestry Deptt
- Gas Chromatography Mass Spectrometry (GC-MS) for Forestry Deptt
- Dendrochronology Laboratory for Forestry Deptt.
- Leica Student Petrological Microscope (20 Nos) for Geology Deptt.
- Transmission line simulator, Fault Analyzers, Power system software etc for EE Deptt.

(ii) **Academics**

- Establishment of Southern Campus at Lunglei
- Certificate and Diploma courses for skill development
- Subscription of e-journal in Central Library
- To increase admission of foreign students/scholars
- Extension of outreach centre
- Establishment of Krishi Vishwa Vidyalaya
- Appointment of Campus Placement Officer
- Digital Library with internet facility

B. 7 YEAR STRATEGIC/ACTION PLAN

(i) **Infrastructure & equipments**

(a) **buildings**

- Construction of Guest House, Residential Quarters, hostels, extension of existing department buildings, shopping complex-cum-recreation Centre, additional sports facilities, Construction of buildings for sociology Deptt. &

Mass Communication Deptt., Construction, Construction of sports hostel,
Establishment of skill Development Centre.

(b) Equipments

- Creation of state of the art modern Educational Media Research Centre in the University to cater to the needs of audiovisual and multi-modal course preparation and dissemination
- Audio visual/multimedia system for streaming educational content and current news; implementation of RFID & Electromagnetic Library Automation & security for central library.

(ii) Academics

- Development of Southern Campus at Lunglei
- Skill Development Certificate/Diploma Courses
- To improve NIRF ranking and NAAC grade, to participate in various international rankings
- Establishment tie-ups with other Indian and Foreign Universities for sharing of academic resources by using latest digital technology

C. 15 YEAR VISION

- To establish full residential Campus
- Strengthening of Southern Campus at Lunglei
- To place Mizoram University at the International pedestal as a leading innovation and research driven University by adopting latest technology as and when available and accessible.
- To improve world level, NIRF ranking and NAAC grading
- To Establish Cancer Research Centre, Genetic Research Centre, biodiversity & Tribal Research Centre, food Preservation, Processing Centre, Student Information & Counseling Centre, Centre for South East Asian & East Asian Studies.

