



MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly WEST BENGAL UNIVERSITY OF TECHNOLOGY)
Main Campus: NH 12, Haringhata, Post Office - Simhat, Police Station – Haringhata, Pin - 741249
City Campus: BF-142, Sector -I, Salt Lake, Kolkata -700 064

Resolution of the BoS Meeting held on 05/05/2020 at 4:30 pm on ZOOM(ID- 74065752406 PW- 123456)

Members present:

1. Prof. (Dr.) Saikat Maitra, Hon'ble Vice Chancellor, MAKAUT, WB
2. Dr. Subhashis Datta, Controller of Examination, MAKAUT, WB
3. Mr. Anil Prasad, Assistant Controller of Examination, MAKAUT, WB
4. Dr. Hironmoy Mandal
5. Dr. Mallika Datta
6. Dr. Amit Aditya
7. Dr. Gourab Chatterjee
8. Dr. Goutam Mukherjee
9. Dr. Kalyan Mukherjee
10. Dr. Swagato Kumar Chowdhury

In the beginning of the meeting Hon'ble Vice Chancellor briefed about the need of the hour to keep the flow of work continuing. Controller of Examinations apprised in details regarding listed agendas of the meeting.

The following Resolutions were taken:

1. End Semester (Even) Examinations 2019-20 would be conducted online in MCQ type question papers. There would be 30 numbers of question with 1 mark and 20 numbers of question with 2 marks, totalling 70 marks with 90 minutes duration. However, in some exceptional cases, due to specific constraints, question type of some subjects may differ as prescribed by their respective BoS.
2. Submission of question papers would be done online through the portal to be developed by the office of CoE. Question papers may be collected from multiple faculties and multiple times of total questions to develop a question bank in order to facilitate provision of supplementary / improvement examinations. The question bank would be moderated by one moderator.
3. Upcoming End Semester Examination would be conducted online. Examinations of final year students would be conducted first, and then it would be applied to the remaining semesters. Considering the present scenario and interest of the students, provision would be created to conduct the examinations through (i) appearing from home/own arrangement with remote access in proctored environment (ii) CBT mode from the computer center/lab of the institute after reopening of the institutes.

Provision of remote online access of students would be explored finding the availability of hardware and connectivity with the students. Option could be noted during the form fillup process in this matter.

Examination could be conducted in multiple (upto four) sessions in a day so that minimum number of students appear in a session in CBT mode, confirming possibility of maintenance of social distancing and other norms related to Covid-19.

Appropriate software facility for conducting online examinations would be developed by the university. Before taking final decision regarding mode of examinations, college authorities would also be consulted and requirements would be communicated for appropriate arrangements.

4. In view of Covid-19 pandemic, subsequent lockdown and uncertainty in resuming normal classes, provision of credit transfer through online courses was explored. Such attempts were made since last few years at MAKAUT, WB and there were several strategies taken through introduction of provision of honours by completing MOOCs and earning MAR points from MOOCs to make online courses popular and effective. However, to introduce provision of credit transfer thorough MOOCs, appropriate mapping of courses was difficult because of subject experts and standard procedure. Experts of the university were given the responsibility to find scope of appropriate mapping of MOOCs with the courses offered in curriculum.

Now, on April 28 2020, AICTE has published under heading “MAPPING OF NPTEL COURSES TO AICTE MODEL CURRICULUM on Swayam Platform” where many courses available in AICTE model curriculum in engineering programs are mapped with the online courses available through NPTEL on Swayam platform.

On analysis of the contents, it is found that in 8 engineering programs, 287 courses are mapped with 378 online courses. The percentage of content mapping is also mentioned which is always more than 70% and 100% most of the cases. The summery and details mapping is enclosed herewith.

In this context all conveners concerned are requested to (i) check the mapping with curriculum of MAKAUT for the 8 programs for consideration of credit transfer scheme and (ii) for the other programs, exercises to be made for proposing mapping of NPTEL courses with the courses of MAKAUT for introduction of credit transfer scheme. In all such cases, all conveners are authorised to invite other experts preferably from other institutes from where representative are not available in the BoS for consensus ideas and successful implementation.

5. **Virtual lab:** In order to explore the possibility of conducting laboratories during lockdown period, the provision of use of virtual lab available in MHRD portal or other similar resources were discussed earlier. In this respect, all conveners are advised to prepare a list of mapping with virtual lab experiments with the listed experiments in curriculum of MAKAUT for the even semester courses. Such exercise could be completed within 7/10 days of time, taking support of other experts as conveners desire in order to publish the same for all affiliated colleges and overcome the problem of conducting laboratory classes and evaluation of the same.

Meeting ended with thanks to the chair.