

Shri G. S. Institute of Technology & Science, Indore

Department of Biomedical Engineering

Date: 20th July, 2020

Minutes of BOS Meeting held on 20th July 2020

A Board of Studies (BOS) meeting of Biomedical Engineering was held online on 20th July 2020 to discuss & finalize the Scheme and Syllabus of B.E. Biomedical Engineering as per AICTE Model Curriculum. The meeting was organised through online platform. Following members joined the meeting:

1. Prof. B. R. Rawal	Chairman
2. Prof. R. B. Pachori, Professor Department of Electrical Engineering, IIT-Indore	Expert Member
3. Prof. Ashutosh Datar, Professor Electronics Engineering S.A.T.I., Vidisha	Expert Member
4. Dr. Mrs. A. V. Mulay, Associate Professor, COEP, Pune	Special Invitee
5. Er. Sunil Vaswani, M/S Instru-tech Engineers, Indore	Industry Expert
6. Prof. P. P. Bansod	Member
7. Mrs. Vibha Bhatnagar	Member
8. Mrs. Gauri Gupta	Member
9. Mrs. Avni Mazawadia	Member
10. Mr. Sunny Ganavdiya	Member

The deliberations of the meeting are as under:

Item No.1 – Virtual Lab platforms were incorporated into laboratory sessions of courses where ever applicable by identifying at least a few practicals that are available through for II, III, IV-year B.E Biomedical Engineering .The Syllabus was approved.

Item No. 2 – III-year B. E. syllabus was finalized as per AICTE Scheme. Following suggestions were given by the experts:

- Distribution of the syllabus of Programming Tools & Techniques with three units on Python programming, one unit on Matlab script and one unit on Matlab Simulink.
- Inclusion of assembly level programming in the course Embedded Systems.

Changes were made as per the suggestions of the experts and both the syllabus were approved

Item No. 3 - Minor 10-20% syllabus changes were done in Subject BM-49602 Artificial Neural Network. The changes were approved.

Item No. 4 -Some other suggestions of experts are listed as follows:

- To include mandatory training by hospitals to students after second year. MOU's with different hospitals are already in progress.
- To include patent filing related topics in the syllabus of OC II Regulatory requirements of Medical devices.



- iii) To include Coursera also as a platform for students to take different OC and PEC if possible.
- iv) To include Computer-guided diagnostics or AI in medicine as a course to final year students and a course on Reliability Engineering, provision for this would be made in the scheme before finalizing and applicable to the students from July 2021.
- v) To increase practical exposure of students in allied branches like electrical mechanical, electronics to make them employable in hospitals and industries.

No change in PG Scheme and syllabus

The meeting ended with a vote of thanks to the chair.

Signature of members

1. Prof. B. R. Rawal
2. Prof..R.B.Pachori,
3. Prof. Ashutosh Datar
4. Dr. Mrs. A. V. Mulay
5. Er. Sunil Vaswani
6. Prof. P. Bansod
7. Mrs. Vibha Bhatnagar
8. Mrs. Gauri Gupta
9. Mrs. Avni Mazawadia
10. Mr. Sunny Ganavdiya



(10) Pachori

Ashutosh Datar
20.07.2020



S. Vaswani
24/07/20



Gauri
Avni Nagawadia

