

SHRI G. S. INSTITUTE OF TECHNOLOGY & SCIENCE
INDORE (M.P.) - 452003

Department of Information Technology

Date: 06th February, 2021

Sub: Minutes of the meeting of Board of Studies held on 06/02/2021 at 03.00 PM.

In accordance with the Circular No. Regr/BOS/2021/598 dated 13/01/2021 a meeting of the Board of Studies of Information Technology department was held on 06/02/2021 at 03:00 P.M. online on google meet.

The following members were present in the meeting of Board of Studies.

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|--------------------------------|-------------------|
| 1. Dr. Sunita Varma | (Chairman) |
| 2. Dr. Aparajita Ojha | (External Expert) |
| 3. Dr. Rami Bilas Pachori | (External Expert) |
| 4. Mr. Ranjita Simhadri | (External Expert) |
| 5. Dr. K.K. Sharma | (Member) |
| 6. Mr. Mukul Shukla | (Member) |
| 7. Dr. Lalit Purohit | (Member) |
| 8. Mrs. Sonu Airen | (Member) |
| 9. Mr. Manjeet Soni | (Member) |
| 10. Mrs. Megha Kuliha | (Member) |
| 11. Dr. Neeraj Singh Rathore | (Member) |
| 12. Mr. Chandra Prakash Singar | (Member) |
| 13. Mr. Mukesh Sakle | (Member) |
| 14. Mr. Vivek Menon | (Invitee) |
| 15. Mr. Pawan Makhija | (Invitee) |
| 16. Mrs. Pooja Gupta | (Invitee) |
| 17. Mrs. Neha Agrawal | (Invitee) |
| 18. Mr. Rohit Jain | (Invitee) |
| 19. Mr. Upendra Singh | (Invitee) |
| 20. Mr. Rohit Tiwari | (Invitee) |
| 21. Mr. Krishnanand Mishra | (Invitee) |
| 22. Mr. Neeraj Arya | (Invitee) |

The following member was unable to attend the meeting.

01. Dr Jagannath Vithalrao Aghav (External Expert)

As per the discussion of the Board of Studies meeting following are the deliberations of the meeting (agenda-wise):

Item 1: To discuss the modification in BE(IT) Scheme, ME(IT) Scheme, MCA Scheme and syllabus.

The discussion was held for scheme of the three courses. The suggestion came from expert to increase the time duration of internship after IIIrd & Vth sem for BE(IT) which is presently 2 weeks. This duration was decided at the institute level.

No modifications was suggested in ME (IT) and MCA Scheme.

Item 2: To discuss the Vision Mission, Programme Educational Outcomes (PEOs) Program Outcomes (POs) Program Specific Outcomes (PSOs) and Course Outcomes (COs)

Following discussion was held

- (i) Modification were suggested in Vision and Mission of the department.
- (ii) No corrections were suggested in PEOs.
- (iii) The COs of the different subjects of the BE, (IT), ME (IT) and MCA are also discussed.

Item 3: Any other item with the permission of the chair.
No issue was discussed in this item.

Meeting ended with a vote of thanks to chair.

Signature of the members:

- | | |
|--------------------------------|-------------------|
| 1. Dr. Sunita Varma | (Chairman) |
| 2. Dr. Aparajita Ojha | (External Expert) |
| 3. Dr. Ram Bilas Pachori | (External Expert) |
| 4. Mr. Ranjita Simhadri | (External Expert) |
| 5. Dr.K.K. Sharma | (Member) |
| 6. Mr. Mukul Shukla | (Member) |
| 7. Dr. Lalit Purohit | (Member) |
| 8. Mrs. Sonu Airen | (Member) |
| 9. Mr. Manjeet Soni | (Member) |
| 10. Mrs. Megha Kuliha | (Member) |
| 11. Dr. Neeraj Singh Rathore | (Member) |
| 12. Mr. Chandra Prakash Singar | (Member) |
| 13. Mr. Mukesh Sakle | (Member) |
| 14. Mr. Vivek Menon | (Invitee) |
| 15. Mr. Pawan Makhija | (Invitee) |
| 16. Mrs. Pooja Gupta | (Invitee) |
| 17. Mrs. Neha Agrawal | (Invitee) |
| 18. Mr. Rohit Jain | (Invitee) |
| 19. Mr. Upendra Singh | (Invitee) |
| 20. Mr. Rohit Tiwari | (Invitee) |
| 21. Mr. Krishnanand Mishra | (Invitee) |
| 22. Mr. Neeraj Arya | (Invitee) |



→ no restriction of 2 weeks training.
→ total 3 months training during BE/BTECH

Date: 6th Feb, 2021

Minutes of BOS Meeting held on 6th Feb 2021

A Board of Studies (BOS) meeting of Biomedical Engineering department was held on 6th Feb 2021 in the department to discuss & finalize the Scheme and Syllabus of IV year B.E. Biomedical Engineering as per AICTE Model Curriculum. Expert members joined the meeting through online platform. Following members joined the meeting:

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|------------------------------------------------------------------------------------|------------------|
| 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. Mr. Manish Joshi, M/S Sciencetech, Indore | Industry Expert |
| 6. Prof. P. P. Bansod | Member |
| 7. Mrs. Vibha Bhatnagar | Member |
| 8. Mrs. Gaur Gupta | Member |
| 9. Mrs. Avni Mazawadia | Member (Invitee) |
| 10. Mr. Sunny Ganavdiya | Member (Invitee) |

The deliberations of the meeting are as under:

Item No.1 – Performance Index for the Department of Biomedical Engineering were framed according to AICTE norms. Suggestions received

Dr. A. V. Mulay advised to also indicate percentage distribution of the indicators for the Curriculum. As per her suggestion steps will be taken to compile data in this respect

Item No. 2 – To finalize the scheme & syllabus of IV year as per AICTE Model for students admitted in the year 2018-2019. After discussion with the experts following changes were incorporated in the scheme of Final Year B.E:

i) Semester VII in Elective III subjects to be offered

1. Rehabilitation Engineering
2. Hospital Technology Systems
3. Medical Image Processing
4. Design & manufacturing of Medical Devices

ii) Semester VIII in Elective IV & V subjects to be offered

Elective IV

1. Artificial Intelligence & Machine Learning for Medical Applications
2. Power Electronics
3. Hospital management & Information systems



4. Internet of Things for Medical Applications

Elective V

1. Biomaterials
2. Telemedicine
3. Nan sensors

iii) Syllabus for all the subjects to be offered as per the proposed scheme were discussed and finalized.

Item No. 3 – No changes proposed in syllabus of PG Biomedical Signal Processing & Instrumentation

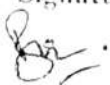

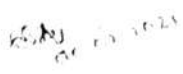


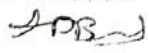




Item No. 4 –Any other item.

Minor changes were done in the syllabus of

- i) Embedded Systems BM-39251
- ii) Human Anatomy & Physiology BM-29003

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

Signature of members

S.No.	Name	Signature
1.	Prof. B. R. Rawal	
2.	Prof. R. B. Pachori	
3.	Prof. Ashutosh Datar	
4.	Dr. Mrs. A. V. Mulay	
5.	Mr. Manish Joshi	
6.	Prof. P. Bansod	
7.	Mrs. Vibha Bhatnagar	
8.	Mrs. Gauri Gupta	
9.	Mrs. Avni Jain	
10.	Mr. Sunny Ganavdiya	

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

Department of Biomedical Engineering

Date: 9th Sept, 2021

Minutes of BOS Meeting held on 9th Sept 2021

A Board of Studies (BOS) meeting of Biomedical Engineering department was held on 9th Feb 2021 in the department, to discuss & finalize the addition of Mandatory courses in Scheme of B.E. Biomedical Engineering as per AICTE Model Curriculum. Expert members joined the meeting 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
5. Prof. P. P. Bansod	Member
6. Mrs. Vibha Bhatnagar	Member
7. Mrs. Gauri Gupta	Member
8. Mrs. Avni Jain	Member
9. Mr. Sunny Ganavdiya	Member

The deliberations of the meeting are as under:

Item No.1 – As per AICTE model curriculum mandatory subjects *Constitution of India* is added in III Semester, *Environmental Science* in IV Semester and *Essence of Indian Traditional Knowledge* in VI Semester of B.E Biomedical Engineering. Mandatory subjects introduced are Audit only.

Item No.2 – Minor changes and restructuring of Syllabus of following PG (Biomedical Signal Processing & Instrumentation) subjects was proposed.

1. Computer Vision & Image Processing
2. Bio-MEMS
3. Neural Networks & Fuzzy Logic

All changes were approved by the experts.

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

Signature of members

1. Prof. B. R. Rawal



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Prof..R.B.Pachori,

R.B. Pachori

Prof.AshutoshDatar

Ashutosh Datar

Prof. P. Bansod

P. Bansod
9/9/21

Mrs. Vibha Bhatnagar

Vibha Bhatnagar

Mrs. Gauri Gupta

Gauri Gupta

Mrs. Avni Jain

Avni Jain

Mr. Sunny Ganavdiya