



# Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS)

Accredited by NAAC with 'A++' Grade, An ISO Certified Institution

Valley Campus, Coimbatore - 641 032, Tamilnadu, INDIA

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Date: 15. 12. 2023

## ACTION TAKEN REPORT ON BoS

Name of the Department: BIOMEDICAL ENGINEERING

The Tenth Board of Studies meeting of Regulation 2022 for the Academic Year 2023-2024, Even Semester was conducted on 14.12.2023 at 11:00 A.M. in Library Board Room in hybrid mode, Hindusthan College of Engineering and Technology and the Google Meet Link <https://meet.google.com/tyy-kpyh-ofr>.

### (I) Syllabus Revision for the Regulations 2019

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	-NA-		

### (II) New Course Introduced:

S. No	Regulation	Course Code	Course Name	Credits
1.	2022	22BM4251	Micro Controllers And Its Applications In Medicine	4
2.	2022	22BM4252	Biomedical Instrumentation	4
3.	2019	22BM6231	Biosensor And Medical Instrumentation	3
4.	2019	22BM6232	Radiological Equipment	3
5.	2019	22BM6203	Brain Computer Interface	3
6.	2019	22BM6204	Machine Learning And Artificial Intelligence	3
7.	2019	22BM6205	Medical Health Technologies	3
8.	2019	22BM6206	Robotics In Medicine	3

**Number of Courses Revised: 8**

**Total Number of Courses Passed: 22**

**The Percentage of Course Revised: 36%**

**(III) Mandatory Courses**

S.No.	Course Code with Name
1.	21BM6701 Industrial Training*
2.	21HE6071 Soft Skill-II
3.	21HE6072 Intellectual Property Rights
4.	22MC2091/ தமிழர் மரபு/ Heritage of Tamil 22MC2092

**(IV) Non-credit Mandatory Courses**

S.No.	Course Code with Name
1	-nil-

**(V) EEC Courses (SE/AE) Courses**

S.No.	Course Code with Name
1.	22HE2071- Design Thinking
2.	22HE2072- Soft Skills-1

**(VI) The following recommendations given by stakeholders are considered and incorporated.**

**(VII). General Recommendations:**

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	Minor degree programme latest text books can be included.	Considered

  
**Chairman**  
**(Board of Studies)**

  
**Dean Academics**

**Chairman · BoS**  
**BME - HiCET**





# Hindusthan College of Engineering And Technology

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Coimbatore - 641 032

Date: 20.05.2023

## ACTION TAKEN REPORT ON BoS

Name of the Department: BIOMEDICAL ENGINEERING

The Ninth Board of Studies meeting of Regulation 2022 for the Academic Year 2022-2023, Even Semester was conducted on 19.05.2023 at 10:30 A.M. in Library Board Room in hybrid mode, Hindusthan College of Engineering and Technology and the Google Meet Link is <https://meet.google.com/yzv-unnn-xat>.

### (I) Syllabus Revision for the Regulations 2019

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	Hospital System Management.	Incorporated	20%

### (II) New Course Introduced:

S.No	Regulation	Course Code	Course Name	Credits
1.	2022	22BM3201	Signals and Systems	3
2.	2022	22BM3202	Electron Devices and Circuits	3
3.	2019	21BM5XXX	3D Printing and Rapid Prototyping	3
4.	2019	21BM5XXX	Diagnostic and Therapeutic Medical Equipment's	3
5.	2019	21BM5XXX	Modeling of Physiological systems	3
6.	2019	21BM5231	Basics of Anatomy and Physiology	3
7.	2019	21BM5203	Artificial Intelligence and Machine Learning	3

Number of Courses Revised: 8

Total Number of Courses Passed: 21

The Percentage of Course Revised: 38%

(III) Mandatory Courses

S.No.	Course Code with Name
1.	19HE5071 Soft Skill-I
2.	19HE5072 Design Thinking
3.	22MC1091/ 22MC1092 அறிவியல் தமிழ் /Indian Constitution
4.	22MC3191 Value education-Essence of Indian Traditional Knowledge

(IV) Non-credit Mandatory Courses

S.No.	Course Code with Name
1	21HE3072 Career Guidance – Level III
2..	21HE3073 Leadership Management Skills

(V) Additional Credit Courses Introduced:

S.No.	Course Code with Name
1.	22HE1071 Universal Human Values
2.	22HE1072 Entrepreneurship &Innovation

(VI) The following recommendations given by stakeholders are considered and incorporated.

(VII). General Recommendations:

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	Minor degree programme basic biomedical courses can be included.	Considered



Chairman  
(Board of Studies)





Dean Academics

Chairman, BoS  
BME - HICET