

**AMITY UNIVERSITY HARYANA, GURGAON**  
**AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY**

**Minutes of Meeting**  
**Board of Studies**  
**Department of Biomedical Engineering**

**Dated: 02<sup>nd</sup> Aug 2020**

The Board of Studies (BoS) meeting was held on the MS Team(Online Meeting) from 7:30p.m. to 9:15 p.m. on 02<sup>nd</sup> Aug 2020. The meeting held for B.Tech.BME(5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> Semester).The following participants attended the meeting:

1. Dr. S. N. Sridhara, Director, ASET & AIIT, AUH.
2. Dr. NeeruRathee(B.Tech, M.Tech, Ph.D. Biomedical), Associate Professor, Maharaja Surajmal Institute of Technology, C-4, Janakpuri, New Delhi
3. Dr. Anirban Sengupta(B.Tech, M.Tech, Ph.D., PostDoc in Biomedical), Research Fellow, Vanderbilt University Medical Centre, USA
4. Dr. Ashok Kumar(MBBS, MD, DNB Cardiologist), Consultant-Interventional Cardiologist, Paras Hospital Gurgaon
5. Mr. Sunil Monga(B.Tech Biomedical, MBA-IIM Bangalore), Modality Leader-CT and Molecular Imaging(Asia-Pacific), Philips Medical System, Gurgaon.
6. Mr. Anmol, Alumni ASET(2014-18), AUH and Operational Manager, MediHealth Ludhiana(Self-owned Company)
7. Mr. Sandeep Panwar Jogi, Programme Coordinator, Department of BME, ASET, AUH.
8. Dr. Neeraj Gupta, Assistant Professor, Department of ECE & EEE, ASET, AUH.
9. Dr. Vimal Kishor Singh. Associate Professor, Department of BME, ASET, AUH.

The board has made the following observations for possible inclusion:

B.Tech. (Biomedical Engineering):

- All external experts agreed on the holistic approach taken by AUH in designing the curriculum.
- The draft seems very helpful to meet the current requirements of industry and recent advancements in technologies.
- Drafts found to incorporate the GATE syllabus, IP Office syllabus, and other universities B.Tech Biomedical Syllabus to meet the contemporary advancement of technologies and demand.

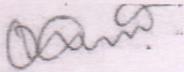
Few suggestive are as follows:

- Instead of MatLab Programming, it should be open for a student for any of programming languages
- The microprocessor and control system, as a course found to obsolete; it remains in every university syllabus but should not.
- The recent version of Microcontroller such as Raspberry-Pi may incorporate in the courses.
- A bio-statistic course may be incorporate.
- Biomedical Signal processing course may introduce.
- Biomedical Waste Management complete course may include.
- Interventional techniques such as Angiography, angioplasty, Catheter placement, issues related to them, and surgical procedure could incorporate; so students may get an insight of interventional techniques and procedures and understand the related challenges and issues to solve them.

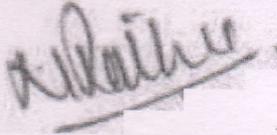
#### **General Suggestions:**

1. A project management course could be incorporate.
2. Quality Control course could be incorporated (As it is the requirement of Indian manufacturing industries)
3. Radiation Therapy nowadays required many job opportunities, could include in the course syllabus

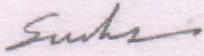
**Signature:**



Dr. S. N. Sridhara,  
Director,  
ASET & AIIT,  
Amity University Haryana



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Associate Professor,  
MSIT, C-4, Janakpuri,  
New Delhi

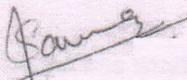


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Research Fellow  
Vanderbilt University, Medical Centre,  
USA

Dr. Ashok Kumar (MBBS, MD-Medicine, DNB-Cardiologist)   
Consultant-Interventional Cardiologist  
Paras Hospital,  
Gurgaon

Mr. Anmol Sharma (Alumni-BME)   
Operational Manager  
MediHealth, Ludhiana



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Programme Coordinator,  
Department of BME, ASET,  
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