Minutes of the Meeting of Board of Studies (BoS) of Information Technology Department, that was held on 19th Aug, 2023 at 12.00 PM on Microsoft Teams platform.

The following members were present:

1. Dr. Ketan Shah, Head, Department of Information Technology, Associate Dean (Accreditations), MPSTME
2. Dr. Ritesh Dhanare, Associate Professor & Head, Department of Information Technology, MPSTME- Shirpur
3. Dr. Lov Kumar, Assistant Professor, BITS-PILANI, Hyderabad - Academic Expert
4. Dr. Akhilesh Srivastava (Director of Product Management, Research & Development, GROK Learning Pvt Ltd.) - Industry Expert
5. Dr. Sanjay Sinvhal , Corporate Legal Counsel, V-HAL Consulting) – Industry Expert
6. Dr. Ashwini Rao, Assistant Professor, Department of Information Technology, MPSTME

The proceedings were as follows:

Leave of absence was granted to Dr. Alka Mahajan, Dean, MPSTME, NMIMS. Her observations and suggestions given were discussed and incorporated a priori.

1. The BoS members confirmed the minutes of meeting of BoS in Information Technology Department that was through circulation in the month of May 2023.

2. The BoS members considered the revision in the curricula of B Tech/MBA Tech and B Tech (Integrated) Information Technology program. They approved the following:

   A. Introduction of the Teaching and Examination Scheme of –
      i. Semester VIII for the MBA Tech Information Technology program. This will be applicable to the students admitted in AY 2020-21. All the courses are already approved in B Tech (IT). **(Encl. – I)**

         a) Cloud Computing
         b) **Department Elective VI**
            - Advanced Machine Learning
            - Visual Analytics
            - Database Administration
            - Image and Video Processing
         c) Capstone Project

      ii. Semester VIII for the MBA Tech Information Technology program. This will be applicable to the students admitted in AY 2021-22 onwards. All the courses are already approved in B Tech (IT). **(Encl. - II)**

         a) Cloud Computing
         b) **Department Elective V**
            - Software Testing
            - Deep Learning
            - Ethical Hacking

- Network Design
- Distributed Computing

c) Capstone Project

B. Introduction of Teaching and Examination Scheme and syllabi of the listed courses of Semester VI for the B Tech (Integrated) Information Technology program. This will be applicable to the students admitted in AY 2021-22 onwards (Encl. - III).

 i. Linear Algebra and Differential Equations (Approved courses of Basic Science and Humanities)

 ii. Critical Thinking (Approved courses of Basic Science and Humanities)

 iii. Professional Ethics (Approved courses of Basic Science and Humanities)

 iv. Introduction to Operating Systems

 v. Introduction to Web Development

 vi. Introduction to Database Systems

 vii. Introduction to Soft Computing Techniques

 viii. Principles of Economics and Management (Approved course of Technology Management)

 ix. Minor Project (Common scheme and syllabus at institute level for BTI (all programs)

- Dr. Ashwini presented the syllabus of BTI Semester VI. For the course of "Introduction to Operating Systems", Dr. Kumar raised a concern that contents of few units match with the syllabus of "Operating Systems" that the students have in their higher semesters. It was hence suggested that syllabus be revised and oriented more towards Linux as an Operating System so that lab exercises can then be framed accordingly.

- For the course of Introduction to Database Systems, it was suggested that the content in the unit "Relational Database Design" and "Relational Algebra" be reduced and more content on SQL queries to be added.

- Dr. Ashwini discussed the changes in the course structure, which was only due to the replacement of the course "Introduction to Cybersecurity and AIML" by "Introduction to Soft Computing Techniques". It was pointed out by Chairperson, Board of Studies that the course had content of two different courses & so as discussed, it was replaced by "Introduction to Soft Computing Techniques" which is an important introductory course.

- Dr. Kumar suggested that the unit on Neural Networks can be removed from the syllabus of "Introduction to Soft Computing Techniques". It was discussed that more hours can be given to the unit on "Introduction to Machine learning", by including types of ML (Supervised & Unsupervised) and also few applications of ML.

Action taken: The above suggested changes are incorporated in the revised syllabus.

35

Minutes of the Meeting of Board of Studies (BoS) of Information Technology Department, that was conducted by email circulation.

The following members were present:

1. Dr. Alka Mahajan, Dean, MPSTME, NMIMS.
2. Dr. Ketan Shah, Head, Department of Information Technology, Associate Dean (Accreditations), MPSTME
3. Dr. Ritesh Dhanare, Associate Professor & Head, Department of Information Technology, MPSTME-Shirpur
4. Dr. Lov Kumar, Assistant Professor, BITS-PILANI, Hyderabad - Academic Expert
5. Dr. Akhilesh Srivastava (Director of Product Management, Research & Development, GROK Learning Pvt Ltd.) - Industry Expert
6. Dr. Sanjay Sinvhal , Corporate Legal Counsel, V-HAL Consulting) – Industry Expert
7. Dr. Ashwini Rao, Assistant Professor, Department of Information Technology, MPSTME

Discussion Items:

1. The BoS members considered and deliberated upon the Introduction of Diploma in Engineering in Information Technology program. They approved the following:

   A.   Introduction of course structure for the students admitted in AY 2024-25 onwards.

Chairperson
Dean, Board of Studies