



Minutes of the Twentieth meeting of Board of Studies Information Technology and MCA, Vishwakarma Institute of Technology, Pune- 411 037 held on Thursday, 25-07-2019 at 10.00am.

Meeting No. : BOS/IT & MCA/20/2019

Date:14-08-2019

Venue: Conference Hall, Department of Information Technology & MCA, Vishwakarma Institute of Technology, Pune.

The following members were present:

1. Prof. (Dr.) Premanand P. Ghadekar (BOS Chairman)
2. Prof. (Dr.) P. S. Dhabe (Member Secretary)
3. Prof. (Dr.) Vahida Attar
4. Mr. Swanand Kulkarni
5. Mr. Abhijeet Gattani
6. Prof. (Dr.) N. S. Chandolikor
7. Prof. S. P. Dongre
8. Prof. P. A. Bailke
9. Prof. D. R. Deshpande
10. Student Representative- Megha Sharma
11. Student Representative- Pranav Deo

The following members conveyed their inability to attend the meeting and leave of absence was granted to them.

1. Prof (Dr.) Ganesh Ramakrishnan
2. Prof (Dr.) P.N. Mahalle

Prof. D. R. Deshpande (Assistant Head, Academic-IT & MCA) extended a warm welcome to all the members of the Board of studies.

The Board of studies considered the items on the agenda and the items permitted by the Chair and following resolutions were passed.

Item- 1: To read and confirm the minutes of the last meeting i.e. of 13-04-2019 by Prof. (Dr.) P. S. Dhabe.

Resolution : The minutes of the last meeting were read and its implementation is confirmed.



Item – 2: Presentation by Prof. (Dr.) Premanand Ghadekar about Change in Information Technology curriculum.

Prof. (Dr.) Premanand Ghadekar, Head Information Technology & MCA, presented change in curriculum in terms of newly industry offered course, Assessment pattern, and content updation in few courses as per need.

1. The presentation begins with stating the new industry course offered for AY 2019-20 by Credit Suisse as **Financial Technology** for final year students.
2. He presented the importance of increasing the list of project ideas (around 12 project list) which are included for every course.
3. Prof. (Dr.) Premanand Ghadekar presented and discussed about implementation of new assessment scheme (**Annexure I**) for theory and lab subjects. He explained current academic structure of IT and MCA in which minor change in assessment is done in terms of **PPT/GD** for each course. He also explained how changes are incorporated with regards to discussion of last meeting
4. **Unity 3D software** concept is inculcated in some courses such as Mobile Computing and Human Computer Interaction. He informed about this new software in detail which is purchased under **center of excellence in AR by Vishwakarma University**.
5. The change in nomenclature EDD to EDI (Engineering Design and Innovation) was presented. The projects under EDI and course projects were presented by Prof. (Dr.) Premanand Ghadekar in terms of Research, Publications.
6. Prof. (Dr.) Premanand Ghadekar presented modification in the Content of syllabus (**Annexure II**) for the courses like Advanced JAVA, Discrete Structure and Graph Theory, Software Engineering and Advanced Web Technology in terms of new trends.

Prof. (Dr.) Vahida Attar suggested making flexibility for deciding the **PPT/GD** based on challenges and experience during that semester instead making it freeze. Mr. Swanand suggested to make provision in final year for availability of missed elective course during previous year. Mr. Swanand also suggested adding '**Convex Optimization**' point somewhere in the relevant course.

Resolution : It is resolved to propose to Academic Board to approve.

Item – 3: Presentation by Prof. (Dr.) Premanand Ghadekar about Change in MCA curriculum.

Prof. (Dr.) Premanand Ghadekar, Head Information Technology & MCA, also presented change in curriculum, Assessment pattern, and content updation in few courses

1. **Unity 3D software** concept is inculcated in Computer Graphics and Mobile Application Development subject.
2. Soft skill subject is shifted from second to first semester. **Object oriented Modeling and design** is added in syllabus to motivate students to properly plan every software.
3. As DWDM is replaced by Data Science for TY MCA, Prof. (Dr.) Vahida Attar suggested to add Data Warehousing in DBMS.
4. Software testing and Quality assurance is also made mandatory to ensure every student inculcate quality in software.

As per suggestion from Prof. (Dr.) Vahida Attar, Mr. Swanand and Mr. Abhijeet; PPT/GD is better for MCA student to develop their thinking power and innovative skills.

Resolution : It is resolved to propose to Academic Board to approve.



Item – 4 : General discussion new updation to be inculcated in the curriculum

- 1.Prof. (Dr.) Vahida Attar suggested ensuring AICTE norms for Tutorial component and MOOC based courses.
- 2.She also suggested motivating student for enrolling online course so that self-learning will adapted during internship period.
- 3.Mr. Abhijeet Gattani emphasized on balancing the load on student in terms of assignments, practical exam and incorporating industry challenges.
- 4.In aligned with Mr. Abhijeet suggestion, Mr. Swanand suggested to keep balance between :
 - a. Assignment Vs Practical exam
 - b. Fundamental Vs Cutting Edge Technology

Resolution : It is resolved to offer subjects in such a way that, it gives balance of all important subjects.

Student representatives Pranav Deo and Megha Sharma were satisfied as there all queries of previous BOS meeting was resolved.

Resolution : It is resolved to propose to Academic Board to approve

The meeting concluded with a vote of thanks by Prof. S. P. Dongre which included summary of the suggestions given by all external BOS members.

[Prof. (Dr.) P.S. Dhabe]
Member Secretary



Annexure I

Assessment Pattern for all engineering courses with lab

In Semester Assessment				End Semester Assessment	
Assignment	Lab Assessment	Mid Semester Exam	Group Discussion / Ppt	Viva/Lab Exam	End Semester Exam
(%)	(%)	(%)		(%)	(%)
10	30	15	10	20	15

Hands on			Theory		
Viva/Lab Exam	Lab Assessment	GD / Ppt	Mid Semester Exam	Assignment (%)	End Semester Exam
(%)	(%)	(%)	(%)		(%)
20	30	10	15	10	15

Assessment pattern for Mathematics 3, Mathematics 4 - direct grade Entry.

In Semester Assessment		VIVA	End Semester Exam
(%)		(%)	(%)
50			
Mid Semester Exam	Assignment	20	30
30	20		

Annexure II

1. Syllabus copy for Information technology-B19 pattern
2. Syllabus copy for Master of Computer Application-A19 pattern