Action Taken Report for AY 2019-20

Date: 20 Aug 2019

The Department of Computer Science and Engineering values the comments made during AY 2018-19 by faculty members, students, Alumni and employers to improve the curriculum of AY 2019-20 and make it more need-based research and job-oriented. We have addressed some of the suggestions made, and the measures done in this regard are listed in the table below

Key Feedback Response	Action taken (WRT: IQAC SPP for AY 2019-20)
Some online certification courses can be made mandatory to enhance the industry skills for students. Certification courses like Python, Machine Learning, Block Chain ,IOT can be introduced.	Workshop on Block Chain Technologies in association with EMURGO, Applications of Python Programming in Data analytics and Machine Learning
Hands-on session may be included for various subjects.	Branch Event Technofia was conducted. Mockthon, Hackthons were organised.
More exposure towards Web Development, Mobile Application Development is needed.	Certification Program on Apple iOS App Development using Swift C Language and XCode.
Provide the knowledge and skills demanded by the IT industries	Workshop on • Block Chain Technologies in association with EMURGO • How to develop Pythonic coding rather than Python coding – Logic Perspective

HOD

Dr Manjunath Kotari

Ref: AIET/ACA/2019-20/72

Date: 10/08/2019

To,

The Chairman,

Board of Studies (BoS)

Computer Science & Engineering

VTU, Belagavi

Sub: Proposed suggestions for Proposed Syllabus 2018- Scheme of VTU Syllabus- reg

With reference to the above cited subject, we have hereby enclosed a list of curricular gaps and the proposed suggestions for some courses in of proposed 2018 Scheme/Syllabus of CSE board of Visvesvaraya Technological University , Belagavi.

We highly recommend you the following changes in the list and request you to consider those during the revision of the curriculum and syllabus by the university.

Thanking you

Head of the Department
H.O.D.
Dept. Computer Science & Engineering
Alva's Inst............... Technology
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Principal

AIET, Moodbidri

Curricular Gaps and Proposed Suggestions

1. In 2017 scheme, Advanced JAVA and J2EE (17CS553) is offered as professional elective course. Since Java & J2EE is required for all the students do their final year projects, we suggest the board to consider it as Core Course during the revision of syllabus & scheme.

2. Web Technology & its Applications course is not having laboratory component as per draft 2018 syllabus, hence the we request the board members to consider at least 20 Marks CIE for laboratory component along with the theory test.

3. In the present 17CS44 Microprocessor& Microcontrollers, students are studying only 8086 Architecture concepts along with ARM processor. We suggest BoS team to include Microcontroller & Embedded Systems as per the current trends of the industry requirements during the revision.

4. In 17CS61 Cryptography Network Security and Cyber Laws, the concept of Cyber Security and practical aspect of these concepts are not discussed. We request you to consider these changes in future revision.

5. In 17CS754 Unix System Programming practical approaches are missing. We request you to consider it in future revise.

6. In 17CS82 Big Data Analytics, the practical approaches of Hadoop concepts can be included.

7. In 15CS664 Python Application Programming, only the basic concepts of Python Programming are included with simple example program. The advanced concepts of python programming such as *tkinter* with advanced example programs can be included in the in the course. It is highly recommended to introduce a *Laboratory course for Python applications*