



Action Taken Report of Department of Computer Application (PG)

Action Taken Report (ATR) on Curriculum

A structured (rating-based) feedback form, designed by IQAC feedback committee, is circulated among stakeholders such as Students, Teachers, Alumni, and Industry experts by the department to get their suggestions with regard to the quality of the curriculum. The responses from stakeholders are analysed by the members of the feedback committee and suggestions are communicated to the department. The suggestions are discussed in the BOS meeting and necessary changes are recommended to the curriculum. These recommendations are forwarded to the Academic Council for approval. Based on the amendments made by the Academic Council, an Action Taken Report (ATR) is prepared by the department and is submitted to the IQAC.





Criterion I - **Curricular Aspects**

Action Taken Report 2016-17

Suggestions Received	Action Taken
Suggested to include Big Data Analytics, as it is an emerging area	PMC 1637 (B) Big Data Analytics Incorporated as a course in the third semester
Since Networking and System Administration have more job opportunities, it will be better to incorporate them in the syllabus	PMC1619 (C) Networking and System Administration Included topics needed for international certifications and incorporated as a course in third semester
Demand in the IT industry is high for Network and Information Security, so it will be helpful to grab job if it is incorporated	PMC 1638 (C) Network and Information Security Incorporated as a course in the fifth semester
Suggested to include Cloud Computing as it have more demand in the job market	PMC1628 (C) Cloud Computing Incorporated as a course in the fourth semester
Demand in the IT industry is high for Hadoop and MapReduce	PMC1628 (B) Hadoop and MapReduce Included hands on training
Suggested to change the order of Academic Seminar from the final year to first year as it will be better to invest more time in projects	PMC1613 Recent Advancements in Computer Science Shifted to second semester
It will be better if there is a chance for presenting the project work	PMC1632 Mini Project - IV and Project Presentation Included the project presentation as part of Mini Project

Action Taken Report 2017-18

Suggestions Received	Action Taken
Need for courses pertaining to technological advancements	PMC1715 Internet of Things And Hardware Added as a course
It will be better if the students get a knowledge about the database in the first year so that projects can be done effectively	PMC1718 Database Management Systems Shifted from IV semester to III Semester





Criterion I - **Curricular Aspects**

The software engineering process should be known to students in the beginning itself so that they can apply them in the projects	PMC1719 Software Engineering Shifted from IV semester to III Semester
It will be beneficial to students if Data Science can be incorporated with R	PMC 1740 (B) Data Science with R Some modules for statistical analysis is added
Getting an idea about Open Source is welcoming for a post graduate on Computer Science	PMC1744 Familiarizing Open Source Software Included as a course

Action Taken Report 2018-19

Suggestions Received	Action Taken
Need for job-oriented courses	PMC1815 HTML and CSS Included as a course
Topics of contemporary relevance must be added	PMC1820 Introduction to Data Science Incorporated as a course
Incorporate concepts of machine learning in the curriculum	PMC1839A Machine Learning Included as an elective course in the syllabus
Concepts related to social media marketing should be introduced to the students	PMC1832 Digital and Social Media Marketing Incorporated as a course in the syllabus
Topics of contemporary relevance must be added	PMC1827 Programming in Python Converted as a core course so that all students study how to program with Python
It is better to rearrange the modules considering the relevance of the topics	PMC 1836 Artificial Intelligence Considering the importance the course is shifted from VI Semester to V Semester
Incorporate more statistical concepts to the paper Data Analytics with R	PMC1840A Data Analytics with R Some statistical concepts are added
Need for courses catering to industrial demands	PMC1846 Competency Enhancement Training Incorporated as a course in the syllabus





Criterion I - **Curricular Aspects**

Action Taken Report 2019-20

Suggestions Received	Action Taken
It will be beneficial for students if advanced concepts of Big Data Analytics is incorporated in the syllabus	PMC1931A Big Data Analytics Modified the content of the course
It will be better if the students of networking stream is familiar with automation management	PMC1931B Configuration Management Automation Included as an elective course
Need for imparting practical knowledge to the students	PMC1935 Data Structure Lab included as a course
Topics of contemporary relevance should be incorporated into the syllabus	PMC1938 Artificial Intelligence included as a course

Action Taken Report 2020-21

Suggestions Received	Action Taken
Considering the importance it is better to shift Python Programming to I Semester	PMC2001 Introduction to Python Programming course is shifted to I semester
Considering the importance it is better to shift Programming in Java to II Semester	PMC2010 Programming in Java Shifted to Second semester
Considering the industrial importance, it is better to consider Machine Learning as a core course	PMC2013 Machine Learning included as a core course
It is better to consider Cloud Computing as a core course	PMC2014 Cloud Computing included as a core course
Experts pointed out the need for certificate courses in advanced topics	Started a certificate programme in Data Analytics



Criterion I - **Curricular Aspects**

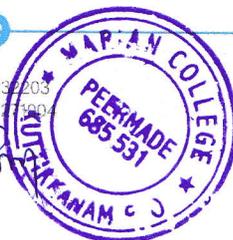
Action Taken Report 2019-20

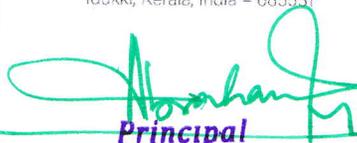
Suggestions Received	Action Taken
It will be beneficial for students if advanced concepts of Big Data Analytics is incorporated in the syllabus	PMC1931A Big Data Analytics Modified the content of the course
It will be better if the students of networking stream is familiar with automation management	PMC1931B Configuration Management Automation Included as an elective course
Need for imparting practical knowledge to the students	PMC1935 Data Structure Lab included as a course
Topics of contemporary relevance should be incorporated into the syllabus	PMC1938 Artificial Intelligence included as a course

Action Taken Report 2020-21

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