



**B. K. Birla College of Arts, Science & Commerce, Kalyan**

**Empowered Autonomous Status (2023 - 2032)**

(Conducted by Kalyan Citizens' Education Society)

Affiliated to University of Mumbai

'College of Excellence' status by UGC (2015 - 2020)

Reaccredited by NAAC (3<sup>rd</sup> Cycle) with 'A' Grade (CGPA - 3.58) (2014 - 2023)

ISO 9001: 2015 Certified

**NAAC SSR**

**Cycle IV**

**2018-2023**

**Criteria I- Curriculum Aspects**

**1.4.1: ACTION TAKEN REPORT ON CURRICULUM FEEDBACK**

**DEPARTMENT OF MATHEMATICS**

**ACTION TAKEN REPORT**

**Academic Year (2022-2023)**

**Feedback on Curriculum Received from Students, Alumni, Parents and Faculties**

Sr. No.	Feedback	Action Taken and its overall impact
1.	The students suggested that the syllabus of UPSC should be added to enhance the learning.	The Department plans to introduce the course of 'Competitive Mathematics' under NEP 2020 since 2023-2024.
2.	The parents suggested that the syllabus must include job-oriented courses and include computer-based courses in the curriculum.	Based on the feedback, the Department plans to introduce 'Competitive Mathematics' under NEP 2020. Under NEP 2020, Programming Language will be introduced too.
3.	The alumni suggested that Python programming language should be introduced at an advanced level.	In view of the alumni feedback, some topics from 'Advance Python Programming' were incorporated in the syllabus.
4.	The faculty members suggested that workshops and seminars related to writing research papers, patent filing and other research aspects should be organised. They also suggested that 'Advance Machine Learning' can be included in the syllabus.	Considering the feedback, the Department plans to organize a workshop related to research paper writing in the academic year. The Department has also introduced 'Advance Machine Learning' course in the M.Sc. Mathematics syllabus.

  
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DEPT. OF MATHS**



  
**Co-ordinator  
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Criteria I- Curriculum Aspects

**1.4.1: ACTION TAKEN REPORT ON CURRICULUM FEEDBACK**


**DEPARTMENT OF MATHEMATICS**

**ACTION TAKEN REPORT**

**Academic Year (2021-2022)**

**Feedback Received from Students, Alumni, Parents and Faculties**

Sr. No.	Feedback	Action Taken and its overall impact
1.	The parents were of the view that recent trends should be included in the syllabus and regular class tests should be taken.	In view of the feedback received, the Department revised the syllabus. Class tests are conducted regularly.
2.	The alumni suggested that the syllabus should be revised to include some software-based courses.	Owing to the suggestions of the alumni, the Department plans to introduce a course on 'Website Design'.
3.	The faculty members were of the view that a course on 'Data Science' course should be introduced.	The Department plans to introduce a course on 'Machine Learning' in the M.Sc. Mathematics syllabus.
4.	The faculty members opined that workshops focusing on e-content development should be organised.	Based on the feedback, the faculty members underwent an online e-content development workshop conducted by IITB and created e-content which are published on YouTube.
5.	The faculty members suggested that the curriculum related to competitive exams like UPSC and MPSC should be introduced in detail.	Considering the feedback received, the certificate course in 'Competitive Mathematics' was revised.
6.	The faculty members put forward that 'Industrial Application' inclusion will make the curriculum more effective.	With respect to the suggestions of the faculty members, the concept of project work for M.Sc. Part-II students with a focus on 'Industrial Application' was introduced.

  
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### 1.4.1: ACTION TAKEN REPORT ON CURRICULUM FEEDBACK

#### DEPARTMENT OF MATHEMATICS

#### ACTION TAKEN REPORT

Academic Year (2020-2021)

Feedback Received from Students, Alumni, Parents and Faculties

Sr. No.	Feedback	Action Taken and its overall impact
1.	The students suggested that the syllabus should be updated to include components of competitive exams and the College should start post-graduation course for mathematics.	The Department revised its syllabus through BOS and plans to introduce a dedicated post graduate programme 'M. Sc. in Applied Mathematics'.
2.	The alumni opined that 'Python' course should be included in the syllabus and certificate courses should be introduced.	Taking into account the feedback received from the alumni, the Department introduced certificate courses on 'Python' and 'Competitive Mathematics'.
3.	The faculty members suggested that an orientation session or workshop should be organized to familiarize the faculty members about NEP 2020.	Based on the feedback received from the faculty members, the College organized a workshop, focusing on NEP 2020.

  
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#### **DEPARTMENT OF MATHEMATICS**

#### **ACTION TAKEN REPORT**

**Academic Year (2019-2020)**

**Feedback Received from Students, Alumni, Parents and Faculties**

<b>Sr. No.</b>	<b>Feedback</b>	<b>Action Taken and its overall impact</b>
1.	The students suggested that the syllabus should be revised every year and 'Python' should be introduced in the syllabus.	The Department introduced certificate courses on 'Excel' and 'Advance Excel'.
2.	The parents suggested that the syllabus should promote employability skills through the programme.	Based on the feedback, the Department started short term certificate courses on 'Excel' and 'Advance Excel'.
3.	The alumni suggested that a certificate course should be introduced on 'Advance Excel' and the syllabus should incorporate LaTeX.	With respect to the suggestions of the alumni, the Department implemented a certificate course on 'Advance Excel' and initiated an entire course on LaTeX.
4.	The faculty members opined that a certificate course on 'Microsoft Excel' should be introduced.	In light of the feedback received from the faculty members, a certificate course on 'Microsoft Excel' was initiated.

  
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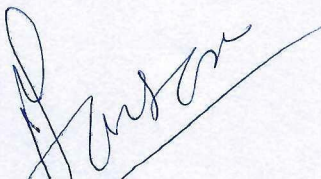
#### DEPARTMENT OF MATHEMATICS

#### ACTION TAKEN REPORT

Academic Year (2018-2019)

Feedback Received from Students, Alumni, Parents and Faculties

Sr. No.	Feedback	Action Taken and its overall impact
1.	The students suggested that the syllabus should be revised every year and Programming Languages should be introduced in the programme.	The Department through the Board of Studies revised the syllabus and introduced Programming Language in the syllabus.
2.	The parents suggested that the syllabus must include practical oriented courses.	The Department revised the syllabus to include practical component such as Programming Language to improve the programme.
3.	The alumni opined that Programming Language, along with writing language LaTeX should be introduced in the syllabus.	Considering the feedback received from the alumni, the Department commenced a certificate course on LaTeX and 'Microsoft Excel'.
4.	The faculty members suggested that a certificate course in 'Competitive Mathematics' should be introduced.	In light of the feedback from the faculty members, a certificate course on 'Competitive Mathematics' was introduced.

  
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