PRESIDENCY UNIVERSITY

(Established under the Private University Act, 2013 of the Karnataka Act 41 of 2013)

Department of Mathematics, SoE

Academic Year 2021-2022

Feedback from Students and action taken report

Sl. No	Feedback	Action Taken
1	Introduce more lab-based courses.	Few courses are practical embedded. MAT1001 MAT1003
2	Applications concepts may be included which is important for students.	The suggestion is considered.
3	As per the industry-based courses revision has to be done.	The suggestions are considered andnecessary changes have been made.
4	Modify the syllabus as per the need of the industry.	The number of new courses and open elective courses are introduced.

Pursuant to feedback received from stakeholders, new courses have been added to curriculum as shown in Annexure I

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Annexure I list of new courses (2021-2022)

Sl. No.	Course code	Course name	L	T	P	C	Year of Introduction
1	MAT1001	Calculus and Linear Algebra	3	0	2	4	2021-22
2	MAT1002	Transform Techniques, Partial Differential Equations, and Their Applications	4	1	0	4	2021-22
3	MAT1003	Applied Statistics	1	0	2	2	2021-22
4	MAT2001	Transform Techniques and Partial Differential Equations	3	0	0	3	2021-22
5	MAT2002	Numerical Methods, Probability Distributions, and Sampling Techniques	3	0	0	3	2021-22
6	MAT6001	Advanced Engineering Mathematics	3	0	0	3	2021-22
7	MAT2007	Applied Mathematics (BCA)	3	0	3	3	2021-22
8	MAT1006	Statistical Methods and Techniques	3	0	0	3	2021-22
9	MAT1007	Introduction to Statistics	3	0	0	3	2021-22
10	MAT1011	Basic Mathematics for Economists	4	0	0	4	2021-22
11	MAT1012	Introduction to Statistics	3	0	0	3	2021-22
12	MAT2051	Advanced Mathematics for Economists	3	0	0	3	2021-22
13	MAT2052	Operations Research	3	0	0	3	2021-22
14	MAT2053	Applied Statistics	3	0	0	3	2021-22
15	MAT1010	Fundamental Calculus	3	0	0	3	2021-22
16	MAT1008	Probability and Inferential Statistics	3	0	0	3	2021-22
17	MAT2004	Discrete Mathematical Structures	3	0	0	3	2021-22
18	MAT2008	Mathematical Reasoning	3	0	0	3	2021-22
19	MAT2014	Advanced Business Mathematics	3	0	0	0	2021-22
20	MAT2041	Functions of Complex Variables	3	0	0	3	2021-22
21	MAT2042	Probability and Random Processes	3	0	0	3	2021-22

22	MAT2043	Elements of Number Theory	3	0	0	3	2021-22
23	MAT2044	Mathematical Modelling and Applications	3	0	0	3	2021-22

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Department of Mathematics, SoE

Academic Year 2021-2022

Feedback from Faculties and action taken report

Sl. No	Feedback	Action Taken
1	Add MATLAB and R- program software to the curriculum	Few new courses are practically embedded. MAT1001 MAT1003
2	Applications concepts may be included which is important for students.	The suggestion is considered.
3	As per the industry-based courses revision has to be done.	The suggestions are considered and necessary changes have been made.
4	Modify the syllabus as per the need of the industry.	The number of new courses and open elective courses are introduced.

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3	MAT1003	Applied Statistics	1	0	2	2	2021-22
4	MAT2001	Transform Techniques and Partial Differential Equations	3	0	0	3	2021-22
5	MAT2002	Numerical Methods, Probability Distributions and Sampling Techniques	3	0	0	3	2021-22
6	MAT6001	Advanced Engineering Mathematics	3	0	0	3	2021-22

7	MAT2007	Applied Mathematics (BCA)	3	0	3	3	2021-22
8	MAT1006	Statistical Methods and Techniques	3	0	0	3	2021-22
9	MAT1007	Introduction to Statistics	3	0	0	3	2021-22
10	MAT1011	Basic Mathematics for Economists	4	0	0	4	2021-22
11	MAT1012	Introduction to Statistics	3	0	0	3	2021-22
12	MAT2051	Advanced Mathematics for Economists	3	0	0	3	2021-22
13	MAT2052	Operations Research	3	0	0	3	2021-22
14	MAT2053	Applied Statistics	3	0	0	3	2021-22
15	MAT1010	Fundamental Calculus	3	0	0	3	2021-22
16	MAT1008	Probability and Inferential Statistics	3	0	0	3	2021-22
17	MAT2004	Discrete Mathematical Structres	3	0	0	3	2021-22
18	MAT2008	Mathematical Reasoning	3	0	0	3	2021-22
19	MAT2014	Advanced Business Mathematics	3	0	0	0	2021-22
20	MAT2041	Functions of Complex Variables	3	0	0	3	2021-22
21	MAT2042	Probability and Random Processes	3	0	0	3	2021-22
22	MAT2043	Elements of Number Theory	3	0	0	3	2021-22
23	MAT2044	Mathematical Modelling and Applications	3	0	0	3	2021-22

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Academic Year 2021-2022

Feedback from Employers and action taken report

Sl. No	Feedback	Action Taken
1	Introduce more lab-based courses.	Few course are practical embedded. MAT1001 MAT1003.
2	In my opinion correction is required in current Syllabus.	Necessary alteration has been done as per Proposition.
3	More application and research part to be added	Each year the syllabus was revised based on new developments in the industries. Application based problems were included where ever is possible.
4	The current syllabus is covering all the core subjects but not making the student industry ready and research ready. So, the new syllabus will be a blend of core subjects covering all the basics of their field along with focusing on development of skills required for working in industry and research field.	Core subjects were given with applications. It will fulfill required industrial knowledge.

Pursuant to feedback received from stakeholders, new courses have been added to curriculum as shown in Annexure I

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Department of Mathematics, SoE

Academic Year 2021-2022

Feedback from Alumni and action taken report

Sl. No	Feedback	Action Taken
1	Introduce more lab based courses.	Few new courses are practical embedded. 1. MAT1001 2. MAT1003
2	More interesting and recently advanced, trending courses should be included in the curriculum.	New courses were introduced based on current advancements in the fields.
3	Give practical-based courses.	More application-oriented problems were included.
4	Value Added Courses (VAC) should be offered.	Every semester value added courses are being offered to the students by the department
5	Courses to be revised as per the new developments in the respective fields	New courses and open electives were introduced based on the new developments in various fields
6	Application-oriented/industry-based syllabus to be included	Suggestions are considered and the required changes were made in the course.

Pursuant to feedback received from stakeholders, new courses have been added to curriculum as shown in Annexure I

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22	MAT2043	Elements of Number Theory	3	0	0	3	2021-22
23	MAT2044	Mathematical Modelling and Applications	3	0	0	3	2021-22