This is to certify that the following courses are introduced in the Program B.A History for the AY 2019-20.

Name of the Program	Name of the Course	Course Code
B.A History	History Paper V: History of Modern Maharashtra	BUAHIS505

Head,

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Dr. Avinash Ratil

Principal

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This is to certify that the following courses are introduced in the Program M.Sc. Finance for the AY 2019-20.

Name of the Program	Name of the Course	Course Code
	Economics	BPSFNTECO101
	Quantitative Methods	BPSFNTQM102
	Accounting, Financial Reporting & Analysis	BPSFNTAFRA103
	Financial Management	BPSFNTFM104
	Practical 1: Qantitative Methods	BPSFNPQMP01
	Practical 2: Accounting, Financial Reporting & Analysis	BPSFNPAFRAP02
	Costing and Control System	BPSFNTCCS105
	Taxation (Direct and Indirect)	BPSFNTTAX106
M.Sc. Finance	Seminar Paper I	BPSFNSP01
	Seminar Paper II	BPSFNSP02
	Corporate Governance & Regulatory Environment	BPSFNTCGRE205
	Corporate Finance	BPSFNTCOFN206
	Econometrics and Financial Modeling	BPSFNTEMFM207
	Financial Markets and Institutions	BPSFNTFMIN208
	Fixed Income Securities	BPSFNTFIIS209
	Practical 3 : Econometrics and Financial Modeling	BPSFNPEMFM203
	Practical 4 : Fixed Income Securities	BPSFNPFIIS204
	Investment Banking & PEVC	BPSFNTIB210
	Seminar Paper III	BPSFNPSP201
	Seminar Paper IV	BPSFNPSP202

Head,

Dept. of Management Studies

Dr. Avinash Patil

Principal

Controller of

Examinations

This is to certify that the following courses are introduced in the Program M.Sc. Data Science & Big Data Analytics for the AY 2019-20.

Name of the Program	Name of the Course	Course Code
M.Sc. Data Science & Big Data Analytics	Applied Statistics	BPSDS101
	Basics of Data Science using Python	BPSDS102
	Data on Cloud	BPSDS103
	Data Visualization using Tableau	BPSDS104
	Applied Statistics Practical	BPSDS1P1
	Basics of Data Science using Python Practical	BPSDS1P2
	Data on Cloud Practical	BPSDS1P3
	Data Visualization using Tableau Practical	BPSDS1P4
	Big Data Analytics using Hadoop & Spark	BPSDS201
	Data Analytics with Excel and R	BPSDS202
	Machine Learning	BPSDS203
	Optimization & Simulation	BPSDS204
	Big Data Analytics using Hadoop & Spark Practical	BPSDS2P1
	Data Analytics with Excel & R Practical	BPSDS2P2
	Machine Learning Practical	BPSDS2P3
	Optimization & Simulation Practical	BPSDS2P4

Head,

Dept.of Information Technology

Dr. Avinash Patil Principal

Controller of Examinations

This is to certify that the following courses are introduced in the Program M.Com.Banking & Finance for the AY 2019-20.

Name of the Program	Name of the Course	Course Code
M.Com.Banking & Finance	Strategic Management	BPCBFSM101
	Economics for Business Decisions	BPCBFEBD102
	Cost and Management Accounting	BPCBFCMA103
	Business Ethics and Corporate Social Responsibility	BPCBFBE104
	Research Methodology for Business	BPCRM201
	Macro Economic Concepts and Applications	BPCME202
	Corporate Finance	BPCCF203
	E-Commere	BPCECOM204

Head, Dept. of Commerce

Dr. Avinash Patil Principal

Controller of Examination

