

DEPARTMENT OF PHYSICS

Syllabus Scheme - Elective Courses Details

Programme: B.Sc

Academic Year : 2020-2021

S.No	Programme Code	Programme name	Elective Courses Offered	Course Code	Semester
1	AO	B.Sc., Physics	Laser, Fiber Optics and Non-Linear Optics	20UAOET505	V
2			Renewable Energy Sources	17UAOET506	V
3			Material Science	17UAOET507	V
4			Microprocessor	17UAOET606	VI
5			Biomedical Instrumentation	17UAOET607	VI
6			Project	20UAOEV608	VI
7			Python for Physics	20UAOET609	VI
8			Introduction to Nanoscience	17UAOET610	VI
9			Communication System	17UAOET611	VI


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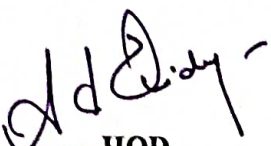
DEPARTMENT OF BIOCHEMISTRY


Syllabus Scheme - Elective Courses Details

Programme: B.Sc

Academic Year: 2020 - 2021

S. No	Programme Code	Programme name	Elective Courses Offered	Course Code	Semester
1	AP	B.Sc	rDNA Technology	20UAPET505	V
			Plant and Animal Biotechnology	20UAPET506	V
			Microbial Genetics	20UAPET507	V
			Bioinformatics Practicals	20UAPEP605	VI
			Nanomaterials and Nano medicine	20UAPET606	VI
			Genomics and Proteomics	20UAPET607	VI
			Diagnostic Biochemistry	20UAPET608	VI
			Sports Biochemistry	20UAPET609	VI
Project	20UAPEV610	VI			


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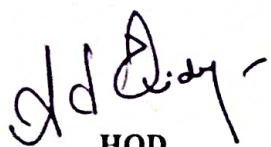
DEPARTMENT OF BIOCHEMISTRY


Syllabus Scheme - Elective Courses Details

Programme: M.Sc

Academic Year: 2020 - 2021

S. No	Programme Code	Programme name	Elective Courses Offered	Course Code	Semester
1	BF	M.Sc	Bioinformatics and Nanotechnology	17PBFET107	I
			Computational Molecular Biology	17PBFET108	I
			Biophysics and Crystallography	17PBFET109	I
			Animal Cell Culture Techniques	17PBFET206	II
			Genomics	17PBFET207	II
			Stem Cell Technology	17PBFET208	II
			Biochemical and Environmental Toxicology	17PBFET307	III
			Proteomics	17PBFET308	III
			Characterization and Application of Nanomaterials	17PBFET309	III
			Elective Practicals- Cell Culture and Molecular Techniques	17PBFEP402	IV
			Elective Practicals : Bioinformatics	17PBFEP403	IV
			Elective Project Work	17PBFEP404	IV


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DEPARTMENT OF COMMERCE (CA)

Syllabus Scheme - Elective Courses Details

Programme: B.COM (CA)

Academic Year: 2020-2021

S.No	Programme Code	Programme Name	Elective Courses Offered	Course Code	Semester
1	UCCA	B.COM(CA)	Income Tax Law & Practice	17UAEET505	V
2			Entrepreneurial Development	17UAEET506	
3			Human Resource Management	17UAEET507	
4			Financial management	17UAEET604	
5			Business Environment	17UAEET605	VI
6			Brand Management	17UAEET606	
7			Indirect Taxes	17UAEET607	
8			International trade	17UAEET608	
9			Project Work	17UAEEV609	VI


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DEPARTMENT OF COMMERCE (CA)

Syllabus Scheme - Elective Courses Details

Programme: M.COM (CA)

Academic Year: 2020-2021

S.No	Programme Code	Programme Name	Elective Courses Offered	Course Code	Semester
1	PCCA	M.COM(CA)	Services Marketing	17PBBET105	
2			Marketing of Financial Services	17PBBET206	
3			Marketing of Health Services	17PBBET305	
4			Travel and Hospitality Services	17PBBET405	
5			Financial Markets and Institutions	17PBBET106	I
6			Indian Stock Exchanges	17PBBET207	II
7			Futures and Options	17PBBET306	III
8			Fundamental and Technical Analysis	17PBBET406	IV
9			Principles of International Trade	17PBBET107	
10			Export and Import Procedure	17PBBET208	
11			Institutions Facilitating International Trade	17PBBET307	
12			International Trade	17PBBET407	
13			Designing using Corel draw	17PBBET108	
14			Working with Photoshop	17PBBET209	
15			Web Designing	17PBBET308	
16			Cyber Security	17PBBET408	


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DEPARTMENT OF COMPUTER APPLICATIONS

Syllabus Scheme - Elective Courses Details

Programme : B.C.A

Academic Year : 2020 - 2021

S.No	Programme Code	Programme name	Elective Courses Offered	CourseCode	Semester
1	AJ	Bachelor of Computer Applications	Elective - I - A : Software Testing	17UAJET505	V
2			Elective - I - B : Android and its Applications	17UAJET506	V
3			Elective I - C : Data Mining	17UAJET507	V
4			Elective - II : A - E - Commerce	17UAJET603	VI
5			Elective - II : B - Distributed Computing	17UAJET604	VI
6			Elective - II : C - Mobile Computing	17UAJET605	VI
7			Elective - III - A : Computer Graphics	17UAJET606	VI
8			Elective - III - B : Client Server Computing	17UAJET607	VI
9			Elective - III - C : Artificial Intelligence and Expert Systems	17UAJET608	VI



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DEPARTMENT OF MATHEMATICS

Syllabus 2020 - 2021

Programme : B.Sc

S.No	Programme Code	Elective Courses Offered	Course Code	Semester
1	AN	Scientific Computing with SageMath	20UANEP505	V
2	AN	Programming in C	17UANEP506	V
3	AN	Visual Basic	17UANEP507	V
4	AN	Numerical Methods	17UANET604	VI
5	AN	Object Oriented Programming in C++ - Theory	20UANET605	VI
6	AN	Fuzzy Sets and Fuzzy Logic	17UANET606	VI
7	AN	Object Oriented Programming in C++ - Practical	20UANEP607	VI
8	AN	Neural Networks and Genetic Algorithm	17UANET608	VI
9	AN	Elementary Graph Theory	17 UANET609	VI

Programme : M.Sc

S.No	Programme Code	Elective Courses Offered	Course Code	Semester
1	BE	LATEX and MATLAB	17PBEET105	I
2	BE	Operations Research	17PBEET106	I
3	BE	LATEX and MATLAB Practical	17PBEEP205	II
4	BE	Mathematical Modelling	17PBEET206	II
5	BE	Fuzzy Mathematics and its Applications	17PBEET305	III
6	BE	Discrete Mathematics	17PBEET306	III
7	BE	Differential Geometry	17PBEET307	III
8	BE	Artificial Intelligence and Neural Networks	17PBEET406	IV
9	BE	Control Theory	17PBEET407	IV
10	BE	Stochastic Differential Equations	17PBEET408	IV


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DEPARTMENT OF ENGLISH

Syllabus Scheme - Elective Courses Details

Programme : B. A

Academic Year : 2020 - 2021

S.No	Programme Code	Programme name	Elective Courses Offered	CourseCode	Semester
1.	AA	BA	Studying Novels	17UAAET505	V
2.	AA	BA	Art of Letter Writing	17UAAET506	V
3.	AA	BA	Public Speaking	17UAAET507	V
4.	AA	BA	Travel Literature	17UAAET604	VI
5.	AA	BA	Communicative English	17UAAET605	VI
6.	AA	BA	The Techniques of Writing Composition	17UAAET606	VI
7.	AA	BA	Introduction to Linguistics	17UAAET607	VI
8.	AA	BA	English Language Teaching	17UAAET608	VI
9.	AA	BA	English for competitive Examinations	17UAAET609	VI

Programme : M. A

Academic Year : 2020 - 2021

1	BA	MA	Building Writing Skills	17PBAET106	I
2	BA	MA	Translation Studies	17PBAET107	I
3	BA	MA	Introduction to Modern linguistics	17PBAET108	I
4	BA	MA	English Literature For Competitive Examinations	17PBAET206	II
5	BA	MA	Presentation Skills	17PBAET207	II
6	BA	MA	Journalism	17PBAET208	II
7	BA	MA	Creative Writing	17PBAET305	III
8	BA	MA	Stylistics	17PBAET306	III
9	BA	MA	Children's Literature	17PBAET307	III
10	BA	MA	Retold Classics	17PBAET404	IV
11	BA	MA	Science Fiction	17PBAET405	IV
12	BA	MA	Partifion Literature	17PBAET406	IV


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