



Vidyasagar University

Midnapore, West Bengal

721102



1.1.3 Additional Information



Courses having focus on employability/ entrepreneurship/ skill development offered by the University



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1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year (10)

Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Link to the relevant document
Applied Mathematics				
Computational methods: using matlab	MTM-197	2022-23	Skill for computational method (in hand practice)	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=87
C-Programming with Numerical Methods	MTM-297	2010-11	Skill for computational method (in hand practice)	
Operational research modelling-i	MTM-306A	2010-11	Skill for operational research technique for enterprenurship	
Optimization (Methods using MATLAB and LINGO), Meteorology and Bio-Mathematics	MTM-497 A, B, C	2022-23	Skill for operational research, meteorological and bio-mathematical techniques (in hand practice)	
Operations research modelling-ii	MTM-405A	2010-11	Skill for operational research technique for enterprenurship	
Dynamical oceanology: coastal processes	MTM-405B	2022-23	Skill for coastal studied	
Operational Research (OR methods using MATLAB and LINGO)	MTM-498A	2022-23	Skill for operational research techniques (in hand practice)	
Dynamical oceanology	MTM-498B	2022-23	Skill for ocean dynamics (in hand practice)	
Semi-Analytical and Computational Methods (using Mathematica)	MTM-498C	2022-23	Skill for computational techniques (in hand practice)	
Soft computing techniques using MATLAB	MTM-499A	2022-23	Skill for soft computational technique (in hand practice)	
Dynamical Meteorology: Thermodynamics in Atmosphere	MTM-305B	2010-11	Skill for wheater prediction	
Dissertation project work	MTM-406	2010-11	Skill for writing research paper and report	
Bengali				
Bhashar itihaso parichay	BNG-101	2018-19	Soft skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=84
Sadharan bhasha bijnan	BNG-201	2018-19	Soft skill development	

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Bhasha samikshsha	BNG-305A	2018-19	Soft skill development	
Bhasha bijnan o bhashatattwa	BNG-405A	2018-19	Soft skill development	
Adhunik bangla kabita path	BNG-405D	2018-19	Soft skill development	
Bmlt				
Clinical Laboratory Biosafety, Ethics and Total Quality Management	BML-101	2018-19	Quality control technologists in the laboratory	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=89
Diagnostic Biochemistry: Theory and Practical	BML-103 & BML-197	2018-19	Lab technician skill improvement	
Clinical Endocrinology: Theory and Practical	BML-104 & BML-198	2018-19	To equip the student abouts endocrine system in relation to heal diseases	
Survey on Clinical Laboratory Biosafety, Ethics and Total Quality Management	BML-195	2018-19	Quality results outcome (reagent and sample handling)	
Reproductive Technology: Theory and Practical	BML-201 & BML-295	2018-19	Quality control of laboratory workers	
Clinical Haematology, Blood Bank and Blood Transfusion: Theory and Practical	BML-202 & BML-296	2018-19	Learners are equipped with moderen knowledge about blood fractionation and transformation of specific fraction as per conditions demand.	
Clinical Immunology and Serology: Theory and Practical	BML-301 & BML-395	2018-19	Skill and quality improvement in diagnostic procedure	
Diagnostic microbiology i-bacteriology & diagnostic bacteriology	BML-302 & BML-396	2018-19	Quality improvement in diagnostic microbiology	
Diagnostic Histotechnology & Cytotechnology: Theory and Practical	BML-303 & BML-397	2018-19	Quality enhancement in diagnostic Histotechnology & Cytotechnology	
Diagnostic Microbiology-Ii-Virology & Mycology: Theory and Practical	BML-404 & BML-496	2018-19	Quality improvement in diagnostic microbiology	
Nutrition				
Nutrigenomics and nutriproteomics and nutrimentabolomics, and drug nutrient interaction	CND-301	2018-19	Employabilty	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=92
Dietary management of non-communicable diseases	CND-302	2018-19	Employabilty	
Dietary management of gastro-intestinal and auto-immune diseases	CND-303	2018-19	Skill enhancement of Dietetitian	
Food as medicine and prevention of diseases(cbc)	CND-304	2018-19	Skill enhancement of Dietetitian	

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Therapeutic diet chart preparation for non-communicable, gastro-intestinal and auto-immune diseases	CND-396	2018-19	Skill enhancement of Dietitian	
Thesis work and hospital training/ internship	CND-496	2018-19	Internship for skill improvement	
Commerce				
Computer Applications in Business	COM 295	2018-19	Computer Applications in Business	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=104
Mutual Fund and Stock Market	COM 304	2018-19	Investment in Stock Market	
GST and Custom Law	COM 402	2018-19	GST and Custom Law	
Internship/ entrepreneurship development	COM 493	2018-19	Internship/ Entrepreneurship Development	
Computer Science M. Sc. And MCA				
Analysis of Algorithm	COS 101	2014-15	Direct focus on employability - Most of the interviews during placements will have questions on DSA.	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=103
			Focus on skill development - Programming	
			Provides value added / life skills (language, writing, communication, etc.) - Problem Solving Skills	
Parallel computing	COS 102.1	2016-17	Provides skill for problem solving using parallel computing in different applications as well as research areas	
Distributed system	COS 102.2	2016-17	Cloud development is covered in depth as part of this course. Skills in virtual machines are in great demand	
Pattern recognition	COS 103.1	2014-15	Skills in application of pattern recognition techniques to real-world problems such as document analysis and recognition.	
Image processing	COS 103.2	2014-15	Image processing jobs are in high demand. The course provides skills needed for those job (including image segmentation, image extraction, etc.)	
Algorithm and Cloud lab	COS 196	2018-19	Programming provides basic employable skills in problem-solving using Python and also provides hands-on experience in cloud virtualization.	

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Advanced DBMS	COS 201.1, MCA 101	2014-15	Direct focus on employability - The students taking the DBMS course can be employed in industries focusing on database and software development. Focus on skill development - The students develop the necessary skills to work with real-time small and large databases. Focus on entrepreneurship - The students can work on real-time projects focusing on the development and maintenance of a temporal database and graphical user interface for small, medium and large enterprises through entrepreneurship/self-employability and start-ups.
Green computing	COS 201.2	2022-23	Develop awareness in Environmental sustainability and skills in taking green initiative while developing program
Theory of Computation	COS 202.1, MCA 102	2014-15	Automata theory is useful for formal verification, which helps improve quality of code
Compiler	COS 202.2, MCA 204	2014-15	Develop Indept knowledge of internal structures of a complier for modern programming languages
Artificial intelligence	COS 203.1, MCA 302	2014-15	Topics included in the course are directly relevant for jobs in companies that carry out advanced AI work (Google, IBM, etc.)
Soft computing	COS 203.2	2014-15	Soft Computing jobs are in high demand. The course provides skills needed for that job (including learning algorithm ,Genetic programming, Fuzzification, etc)
Advanced networking	COS 301.1	2014-15	Direct focus on employability - The deep understanding of functioning of network stacks will help the students be eligible for employability in R&D companies.
Advanced networking	MCA 203	2014-15	Focus on skill development - The course assignments and examinations help students to approach as well as solve computer networking problems in logical manner.
Network security	COS 301.2	2014-15	Develop skills on Secure protocols and their applications


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Machine learning	COS 302.1, MCA 304	2018-19	This course addresses the skills that are in high demand in AI/ML(classification, clustering, Predictive Analytics, Regression, Statistical Analysis)
Deep learning	COS 302.2	2022-23	topics covered include DNN-HMM, RNN, LSTM, CTC, CNN, end-to-end models, encoder-decoder architectures, attention-based models etc—all as specifically applied to ASR by the industry.
Data Structure and Algorithm	MCA 103	2014-15	Direct focus on employability - Most of the interviews during placements will have questions on DSA.
Object oriented Programming using Python	MCA 104	2020-21	Direct focus on employability - Students learn object-oriented programming in Python, which is important for industrial opportunities Focus on skill development - Use of Eclipse, python development tools
Software Project management	MCA 105	2018-19	Direct focus on employability - This course will help the students to prepare for their future careers as software engineers. Focus on skill development - Developing skills on Software Engineering is very much required for the development of any software project
Advanced Computer architecture	MCA 201	2014-15	develop knowledge on Modern computer architectures .
Advanced operating system	MCA 202	2014-15	Develop skills in advanced operating systems
Numerical Methods and Optimization Technique	MCA 205	2014-15	Direct focus on employability - The course enables the students to abstract computing problems, solve the problems, apply formal proof techniques and explain their reasoning clearly.

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Advanced java	MCA 301	2018-19	Direct focus on employability - Students learn programming in Java which is important for industrial opportunities	
Electronics				
VLSI Design and Technology	ELC 302	2018-19	Digital skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=95
Digital signal processing	ELC 402	2018-19	Digital skill development	
Elective –i / moocs courses	ELC 403	2018-19	All elective courses are skill developement	
Elective –ii / moocs courses	ELC 404	2018-19	All elective courses are skill developement or enterprenurship	
Project/field study	ELC 496	2018-19	Skill development	
English				
Folklore: field survey, documentation, translation, digitization and restitution	ENG-105	2022-23	FIELD SURVEY, DOCUMENTATION, TRANSLATION, DIGITIZATION AND RESTITUTION	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=96
Geography				
Hydrological Techniques and Geological & Topographical Maps	GEO-195	2018-19	Hands on Training, Soft skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=98
Climate Change Techniques and Environmental Mapping	GEO-196	2018-19	Mapping Skill	
Thematic Mapping and Statistics	GEO-295	2018-19	Communication Skill	
Sedimentology and Remote Sensing and Aerial Photographs	GEO-296	2018-19	EIA	
Advanced Quantitative Methods and Digital Cartography	GEO-396	2018-19	Digital skill dvelopment	
Dissertation Report and Viva-Voce	GEO-401	2018-19	Content writing and editing	
Environmental Assessment and Spatial Analysis in Geography	GEO-495	2018-19	Data Analysist	
Hindi				
Prayojanmoolak hindi	C-HIN-304	2018-19	Skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=98


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Hindi patrakarita	HIN-305 A	2011-12	Skill development	enLink.aspx?LINKID=99
Anuwad vigyan	HIN-402	2018-19	Skill development	
Hindi natak aur rangmanch	HIN-302	2022-23	Skill development	
History				
Environmental history of india in the anthropocene age	HIS 103	2018-19	All these courses enhance the competence of the students to take competetive examinations	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=100
Religion and ecology in early india	HIS 202	2018-19		
The global indian migration and diaspora	HIS-205	2018-19		
Adivasi history in colonial bengal	HIS 303	2018-19		
Politics and society in post partition bengal	HIS 405- D	2018-19		
Global history of pandemic	HIS 405-C	2018-19		
Culture in bengal, 19th and 20th centuries	HIS 405-B	2018-19		
History and historiography	HIS 101	2018-19		
South west bengal - 19th and 20th centuries	HIS 305 (A)	2018-19		
Social history of science, technology and medicine in india: colonial period	HIS 402	2018-19		
History of the modern world	HIS 105	2018-19		
India and the world: the making of a foreign policy	HIS 305 C	2018-19		
Library and Information Science				
Resource description (practice) -ii	BLI-205	2008-09	Creation of OPAC using ILMS	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=88
Content Generation and Documentation (Practice)	BLI-107	2022-23	Content writing for manuals of different product and software documentation	
Application of Information and Communication Technology in LIS (Practice) – I	MLI-108	2005-06	Use of multiuser operating system and interactive web designing	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=102
Application of Information and Communication Technology in LIS (Practice) – II	MLI-207	2005-06	Building Digital repository	

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Studies of Academic Metrics	MLI-209	2016-17	Creation of different research metrics for academic and research evaluation	
Mba				
Business communication	MBA-106	2018-19	Skill Development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=85
Industrial Visit: Reort and Presentation	MBA-107	2018-19	Skill Development	
Computer Application in Business	MBA-199	2018-19	Skill Development	
Summer internship project	MBA-207	2018-19	Employability	
Project Presentation and Viva-Voce	MBA-208	2018-19	Employability	
Entrepreneurship development	MBA-301	2018-19	Entrepreneurship	
Business Plan Development and Presentation	MBA-302	2018-19	Entrepreneurship	
Digital finance	MBA-306D	2018-19	Employability	
Digital and Social Media Marketing	MBA-307-F	2018-19	Employability	
Industrial and Labour Laws	MBA-308F	2018-19	Employability	
Business analytics	MBA-401	2018-19	Employability	
Dissertation	MBA-404	2018-19	Skill Development	
Hr analytics	MBA-408C	2018-19	Employability	
Digital HRM	MBA-408D	2018-19	Employability	
Corporate Tax Planning and Management	MBA-406D	2018-19	Employability	
Philosophy				
Applied philosophy	PHI 305, PHI 405	2022-23	Media ethics, business ethics	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=106
Philosophy of Cognitive Science	PHI 302	2022-23	Artificial intelligence	
Political science				
Rural Society, Politics and Administration in India	PLS-202	2018-19	Skill in Rural Society, Politics and Administration	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=108
Public Administration and Governance	PLS-203	2018-19	Skill in public administration	
Politics in India: Institutions and Processes	PLS-301	2018-19	Skill in Indian politics	
Dissertation: Field based Research Projects	PLS-405	2018-19	In hand skill development	
Sanskrit				

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Nyāya-vaiśeṣika darśana	SAN 104-II	2018-19	Siddhāntakoumudī	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=110
History of Sanskrit Literature & Śrīmadbhagavadgītā	SAN 204-II	2018-19	Elementary knowledge of Manuscriptology-	
History of Poetics, Metrics and Modern Sanskrit Literature	SAN 301A	2018-19	Manuscript, Manuscript materials, Manuscriptology, Archetype,	
Drama-I	SAN 302A-II	2018-19	Colophon, Recession, Important discoveries, C.C. N.C.C.	
Sanskrit Fable and Drama	SAN 304- I&II	2018-19	Descriptive Catalogue, Causes of variant readings, Preservation and	
History and Philosophy of Grammar	SAN 301B	2018-19	Conservation of Manuscripts,	
Theoretical Part of New tradition	SAN 303B	2018-19	History of Scientific and Technical Literature	
Practical Part of the new tradition of Paninian School	SAN 305B	2018-19	Scientific and Technical Literature	
Project/ dissertation	SAN 405 A, B & C	2018-19	Skill for report and paper writing	
Santali				
Ethnology	SNT - 101	2009-10	Activities	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=111
G. Ling & snt ling	SNT - 102	2009-10	Skill Development	
Comperative literature	SNT - 103	2009-10	Skill Development	
History of Santali Literature	SNT - 104	2009-10	Activities	
Translation & research method	SNT - 105	2009 & 2018-2019	Skill Development	
Santals filk literature	SNT - 202	2009-10	Activities	
Santali Theory of Literature	SNT - 203	2009-10	Activities	
Santals culture (cbcs)	SNT - 204	2009, 2018-2019	Content with direct learning employability	
Santals arts (cbcs)	SNT - 304	2018, 2019	Content with direct learning employability	
Santali literary essay	SNT - 404	2009 & 2022-2023	Entre Preneurship	
Sociology				
Research method - i	SOC 103	2018-19	Employability	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=111

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Social statistics	SOC 104	2018-19	Employability	gar.ac.in/OpenLink.aspx?LINKID=112
Research method - ii	SOC 303	2018-19	Employability	
Ethnographic field project	SOC 305	2018-19	Skill Development	
Dissertation and Viva Voce	SOC 404	2018-19	Skill Development	
Social psychology	SOC 405	2018-19	Employability	
Economics				
Statistics and basic econometrics	ECO201	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=94
Econometrics-ia	ECO301	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Econometrics-iaa	ECO302	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Econometrics-iaaa	ECO303	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Econometrics-iaaa	ECO305	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Data analytics (theory + practical)	ECO401	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Computer application in economics (practical)	ECO492	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	
Indian economy –ii	ECO404	2018-19	Hand on exercise with sophisticated statistical and econometric softwares with theoretical knowledge developments and their applications	

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Dissertation/ field study/ internship	ECO405	2018-19	Knowledge and skill development for critical investigations and evaluations of the contemporary economic issues/farm & firm management etc.	
Fisheries science				
Fisheries Statistics and Research Methodology	FSC-301.2	2018-19	Employability	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=97
Fisheries Extension, Economics and Marketing	FSC-203.1	2018-19	Employability	
Fish Genetics and Biotechnology & Aquaculture Engineering and Management	FSC-302	2018-19	Entrepreneurship, skill development	
Aquaculture practices & fish nutrition & bioenergetics	FSC-303	2018-19	Employability	
Aquaculture technology	FSC-304	2018-19	Entrepreneurship, skill development	
Fisheries Statistics and Research Methodology & Immunology, Genetic Engineering and Bioinstrumentation	FSC-395	2018-19	Entrepreneurship, skill development, Employability	
Based on FSC -302 and FSC -303 (Practical)	FSC-396	2018-19	Entrepreneurship, skill development, Employability	
Job training / Skill development programme through data collection from different aquaculture related field / farm /Market, report writing, presentation and viva-voce	FSC-491	2018-19	Internship/job training and skill development training	
Botany				
Microbiology	BOT-101	2018-19	Skill Development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=90
Mycology and plant pathology	BOT-103	2018-19	Skill Development	
PLANT TAXONOMY and BIOSYSTEMATICS	BOT-201	2018-19	Skill Development	
Palaeobotany, palynology and pollination ecology	BOT-202	2018-19	Skill Development	
Cell biology, genetics and biotechnology	BOT-301	2018-19	Employability	
Plant physiology, biochemistry and molecular biology	BOT-302	2018-19	Employability	

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Forest mensuration and survey	BOT-494	2018-19	Employability	
Physics				
Condensed matter physics-i & ii	PHS102.2 & PHS202.1	2018-19	Skill Development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=107
Experimental methods in physics	PHS103.2	2018-19	Skill Development	
ANALOG ELECTRONICS - I&II and DIGITAL ELECTRONICS - I&II	PHS104 & PHS203	2018-19	Practical Skill Development	
Electronics practical -i & ii	PHS195	2018-19	Computational Skill Development	
Computer programming and numerical methods practical	PHS196 & 295	2018-19	Skill Development	
Semiconductor physics	PHS202.2	2018-19	Skill Development	
Advance practical - i & ii	PHS296 & 395	2018-19	Practical skill Molicuar spectroscopy and Laser	
Molecular spectroscopy & laser physics	PHS302.1	2018-19	Skill Development	
Advanced condensed matter physics-i, applied electronics-i, applied optics and opto-electronics-i, astrophysics - i	PHS303 & 404	2018-19	Skill Development	
Lab: ADVANCED CONDENSED MATTER PHYSICS-I, APPLIED ELECTRONICS-I, APPLIED OPTICS AND OPTO-ELECTRONICS-I, ASTROPHYSICS I	PHS396 & PHS495	2018-19	Practical skill on electronics and applied optics	
Transport properties and semiconductor devices & applied optics	PHS403	2018-19	Skill Development	
Project, seminar and grand viva	PHS496	2018-19	Writing skill for research paper	
Microbiology				
Diversity and systematics of eukaryotic microbes	MCB-102.1	2015-16	Employability	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=105
Biophysical and biochemical principles	MCB-103.1	2015-16	Skill development	
Enumeration & identification of microbes & microbial growth and preservation	MCB-195	2015-16	Employability	
Microbial growth and preservation	MCB-196	2015-16	Entrepreneurship	


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Group project, report preparation and	MCB-295.1	2015-16	Skill development	
Analytical biochemistry & review work/case study & seminar	MCB-296	2015-16	Skill development	
Agricultural and medical microbiology	MCB-302	2015-16	Entrepreneurship	
Fermentation technology & food microbiology	MCB-303	2015-16	Employability	
Visit to institute and preparation of report	MCB 296.1	2015-16	Institute visit	
Industry survey and report preparation	MCB 494.2	2015-16	Industry survey	
Project work	MCB 495	2015-16	Internships	
Cell biology & environmental microbiology	MCB 301.1, 402.2	2015-16	Biosafety norms & IPR	
REVIEW WORK/CASE STUDY and SEMINAR, GROUP PROJECT, REPORT PREPARATION & FOOD & BIOPROCESS TECHNOLOGY	MCB 196.2; 295.1, 493.1	2015-16	Review writing & Project work	
RS & GIS				
Fundamentals & physics of remote sensing	RSG 101.1	2018-19	Skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=109
Digital cartography	RSG 102	2018-19	Skill development and employability	
Advanced remote sensing	RSG 202	2018-19	Skill development	
Spatial decision support system	RSG 301.2	2018-19	Skill development	
Photogrametry and image interpretation	RSG 195	2018-19	Skill development	
Fundamentals of gis	RSG 196	2018-19	Skill development	
ADVANCED REMOTE SENSING: DATA PROCESSING AND APPLICATION (practical)	RSG 296	2018-19	Skill development	
ADVANCED GEOGRAPHIC INFORMATION SYSTEM(practical)	RSG 297	2018-19	Skill development	
MODELING SPATIAL DATABASE AND ANALYSIS (practical)	RSG 298	2018-19	Skill development	

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Application of geo-informatics and spatial decision support system	RSG 395	2018-19	Employability	
DISSERTATION AND VIVA or Internship	RSG 401	2018-19	Internship	
COMPULSORY FIELD SURVEY (practical) & GENERATION OF CASE STUDIES	RSG 197, RSG 396	2018-19	Field Survey, Skill development	
Zoology				
Non- chordate biology, chordate biology, histochemistry & animal physiology (practical)	ZOO195	2018-19	Skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=11 3
Immunology, Methods in Biology, Cell Biology & Cytogenetics (Practical)	ZOO196	2018-19	Skill development & employability	
Biosystematics, Ecological principles, Biophysics & Biochemistry (Practical)	ZOO295	2018-19	Skill development & employability	
Molecular biology, parasitology & field study (practical)	ZOO296	2018-19	Skill development & employability	
Entomology, Ecotoxicology, Molecular Evolution and Microbiology	ZOO395	2018-19	Skill development & employability	
Fishery practical - i & ii	ZOO396A & ZOO495A	2018-19	Skill development	
Ecology practical - i & ii	ZOO396B & ZOO495B	2018-19	Skill development	
Genetics and Molecular Biology Practical - I & II	ZOO396C & ZOO495C	2018-19	Skill development	
Parasitology practical - i & ii	ZOO396D & ZOO495D	2018-19	Skill development	
Project/dissertation	ZOO496	2018-19	Skill development and paper writing skill	
Physiology				
Biophysical Principles in Physiology & Biomedical Instrumentation	PHY-102	2018-19	Skill development & employability	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=10 1
Biostatistics and Research Methodologies & Computer Application in Biology and Bioinformatics	PHY-103	2018-19	Skill development & employability	
Growth Monitoring and Nutritional Assessment & Assessment of Environmental Status	PHY-194	2018-19	Skill development & employability	

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Biochemical Techniques Bio-Analytical Techniques and Microbiological Studies	PHY-195	2018- 19	Skill development & employability	
Statistical Treatment of Biological Data & Computer Application in Biological Problems	PHY-196	2018- 19	Skill development & employability	
Studies with Cardiac Muscle & Studies with Skeletal & Smooth Muscles and Bioassay	PHY-296	2018- 19	Skill development & employability	
Microbiology and Immunology	PHY-303A, PHY-396A, PHY-403A, PHY-495A	2018- 19	Skill development & employability	
Biochemistry, Molecular Endocrinology and Reproductive Physiology	PHY-303B, PHY-396B, PHY-403B, PHY-495B	2018- 19	Skill development & employability	
Biophysics and Electrophysiology with Structural Biology	PHY-303C, PHY-396C, PHY-403C, PHY-495C	2018- 19	Skill development & employability	
Ergonomics and Sports Physiology	PHY-303D, PHY-396D, PHY-403D, PHY-495D	2018- 19	Skill development & employability	
Histological and Cytological Techniques & Histochemical and Histometric Techniques	PHY-395	2018- 19	Skill development & employability	
Chemistry				
INORGANIC CHEMISTRY (practical)	CEM-195	2018- 19	Skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=91
FOOD PROCESSING AND PRESERVATION (practical)	CEM-196	2018- 19	Skill development & employability	
Nanotechnology:principles and practices	CEM-204	2018- 19	Skill development	
ORGANIC CHEMISTRY (practical)	CEM-295	2018- 19	Skill development	
PHYSICAL CHEMISTRY (practical)	CEM-296	2018- 19	Skill development	
Chemistry project-i	CEM-395	2018- 19	Skill development	
Advanced spectroscopy-ii	CEM-401	2018- 19	Skill development & employability	
Advanced physical chemistry-iii	CEM-402	2018- 19	Skill development	

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Chemistry in technology	CEM-404	2018-19	Skill development & employability	
Project or Field visit or internship	CEM-495	2018-19	Skill in research activities	
Anthropology				
Biological anthropology - i	ANT-195	2018-19	Skill development	http://download.vidyasagar.ac.in/OpenLink.aspx?LINKID=91
Prehistoric archaeology	ANT-196	2022-23	Skill development	
Fieldwork in Anthropology	ANT-296	2018-19	Skill development	
Biological anthropology - ii (practical)	ANT-396A	2018-19	Skill development	
Problem-based empirical work (Practical)	ANT-396B	2018-19	Skill development	
Dissertation Field report and Vivavoce	ANT-496	2018-19	Writing skill for preparaion of report research paper	

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