## Faculty of Veterinary Science (PG)

# ANIMAL GENETICS AND BREEDING Course Structure – at a Glance

CODE	COURSE TITLE	CREDITS
AGB 601	ANIMAL CYTOGENETICS AND IMMUNOGENETICS	2+1
AGB 602	MOLECULAR GENETICS IN ANIMAL BREEDING	2+1
ACIB 603	POPULATION AND QUANTITATIVE GENETICS IN ANIMAL BREEDDING	2:1
AGB 604	SELECTION METHODS AND BREEDING SYSTEMS	3+1
AGB 605	BIOMETRICAL TECHNIQUES IN ANIMAL BREEDING	3+1
AGB 606	CONSERVATION OF ANIMAL GENETIC RESOURCES	2+0
AGB 607	CATTLE AND BUFFALO BREEDING	2+1
AGB 608	SMALL FARM ANIMAL BREEDING (SHEEP, GOAT, SWINE AND RABBIT)	2 ()
AGB 609	POULTRY BREEDING	2 · 1
AGB 610	LABORATORY ANIMAL BREEDING	1 · ()
ACB 691	MASTER'S SEMINAR	1.0
AGB 699	MASTER'S RESEARCH	20
ĀGB 701	RECENT ADVANCES IN ANIMAL GENETICS	2+0
AGB 702	RECENT TRENDS IN ANIMAL BREEDING	2>0
AGB 703	ADVANCES IN BIOMETRICAL GENETICS	2 - 1
AGB 704	ADVANCES IN SELECTION METHODOLOGY	2 1
AGB 705	BIOINFORMATICS IN ANIMAL GENETICS AND BREEDING	2.0
AGB 706	ADVANCES IN MOLECULAR CYTOGENETICS	2:0
AGB 707	UTILISATION OF NON-ADDITIVE GENETIC VARIANCE IN FARM ANIMALS	2 1
AGB 791	DOCTORAL SEMINAR I	1 · ()
AGB 792	DOCTORAL SEMINAR II	1 · 0
AGB 799	DOCTORAL RESEARCH	T 45

## LIVESTOCK PRODUCTION AND MANAGEMENT

### Course Structure - at a Glance

CODE	COURSE TITLE	CREDITS
1.PM 601	CATTLE AND BUFFALO PRODUCTION AND MANAGEMENT	2:1-1
LPM 602	SHEEP AND GOAT PRODUCTION AND MANAGEMENT	2+1
LPM 603	SWINE PRODUCTION AND MANAGEMENT	1 1-1
1 PM 604	LABORATORY ANIMAL PRODUCTION AND MANAGEMENT	1+1
LPM605	SHELTER MANAGEMENT	1 1-1
LPM 606	PRINCIPLES OF ENVIRONMENTAL HYGIENE AND WASTE MANAGEMENT	2-1-0
LPM 607	CLIMATOLOGY AND ANIMAL PRODUCTION	1+0
LPM 608	POULTRY FARM AND HATCHERY MANAGEMENT	2 i 1
LPM 609	FARM ANIMAL BEHAVIOR	1 +-()
LPM 610	INTEGRATED LIVESTOCK FARMING SYSTEM	2+1
LPM 611	EQUINE PRODUCTION AND MANAGEMENT	] + ]
LPM 612	WILD LIFE MANAGEMENT AND CONSERVATION	2+0
LPM 613	LIVESTOCK BUSINESS MANAGEMENT	1 +-1
LPM 691	MASTER'S SEMINAR	1 +()
1.PM 699	MASTER'S RESEARCH	20
LPM 701	ADVANCES IN CATTLE AND BUFFALO PRODUCTION AND MANAGEMENT	3+0
LPM 702	ADVANCES IN SHEEP AND GOAT PRODUCTION AND MANAGEMENT	2+1
LPM 703	ADVANCES IN SWINE PRODUCTION AND MANAGEMENT	2+1
LPM 704	ADVANCES IN LABORATORY ANIMAL PRODUCTION AND MANAGEMENT	l +-0
LPM 705	ADVANCES IN POULTRY PRODUCTION MANAGEMENT	2±1
LPM 706	ADVANCES IN ENVIRONMENTAL MANAGEMENT	1+1
LPM 707	ADVANCES IN EQUINE MANAGEMENT	210
I.PM 791	DOCTORAL SEMINAR I	1 -0
LPM 792	DOCTORAL SEMINAR II	110
LPM 799	DOCTORAL RESEARCH	45

## ANIMAL REPRODUCTION, GYNAECOLOGY & OBSTETRICS Course Structure – at a Glance

VOG 602 VETERINARY OBSTETRICS  VOG 604 ANDROLOGY & MALE INFERTILITY  VOG 605 SEMEN PRESERVATION AND ARTIFICIAL INSEMINATION  VOG 606 REPRODUCTIVE BIOTECHNOLOGY  VOG 607 CLINICAL PRACTICE II  VOG 608 MASTER'S SEMINAR  VOG 691 MASTER'S SEMINAR  VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE II  VOG 707 CLINICAL PRACTICE II	EDITS
VOG 602 VETERINARY OBSTETRICS  VOG 604 ANDROLOGY & MALE INFERTILITY  VOG 605 SEMEN PRESERVATION AND ARTIFICIAL INSEMINATION  REPRODUCTIVE BIOTECHNOLOGY  VOG 606 REPRODUCTIVE BIOTECHNOLOGY  VOG 607 CLINICAL PRACTICE II  VOG 608 MASTER'S SEMINAR  VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE II  VOG 707 CLINICAL PRACTICE II	3 - 1
VOG 604 ANDROLOGY & MALE INFERTILITY  VOG 605 SEMEN PRESERVATION AND ARTIFICIAL INSEMINATION  VOG 606 REPRODUCTIVE BIOTECHNOLOGY  VOG 607 CLINICAL PRACTICE II  VOG 608 CLINICAL PRACTICE II  VOG 691 MASTER'S SEMINAR  VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE II  VOG 707 CLINICAL PRACTICE II	3+1
VOG 605 SEMEN PRESERVATION AND ARTIFICIAL INSEMINATION VOG 606 REPRODUCTIVE BIOTECHNOLOGY VOG 607 CLINICAL PRACTICE II VOG 608 CLINICAL PRACTICE II  VOG 691 MASTER'S SEMINAR VOG 699 MASTER'S RESEARCH VOG 701 ADVANCES IN GYNAECOLOGY VOG 702 ADVANCES IN OBSTETRICS VOG 703 ADVANCES IN ANDROLOGY VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY VOG 705 ADVANCES IN SEMEN PRESERVATION VOG 706 CLINICAL PRACTICE II VOG 707 CLINICAL PRACTICE II	2+2
VOG 606  VOG 607  CLINICAL PRACTICE II  VOG 608  CLINICAL PRACTICE II  VOG 691  MASTER'S SEMINAR  VOG 699  MASTER'S RESEARCH  VOG 701  ADVANCES IN GYNAECOLOGY  VOG 702  ADVANCES IN OBSTETRICS  VOG 703  ADVANCES IN ANDROLOGY  VOG 704  ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705  ADVANCES IN SEMEN PRESERVATION  VOG 706  CLINICAL PRACTICE II	3 1
VOG 607  CLINICAL PRACTICE II  VOG 608  CLINICAL PRACTICE II  VOG 691  MASTER'S SEMINAR  VOG 699  MASTER'S RESEARCH  VOG 701  ADVANCES IN GYNAECOLOGY  VOG 702  ADVANCES IN OBSTETRICS  VOG 703  ADVANCES IN ANDROLOGY  VOG 704  ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705  ADVANCES IN SEMEN PRESERVATION  VOG 706  CLINICAL PRACTICE II	211
VOG 608 CLINICAL PRACTICE II  VOG 691 MASTER'S SEMINAR  VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE II  VOG 707 CLINICAL PRACTICE II	2 = 1
VOG 691 MASTER'S SEMINAR  VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE I  VOG 707 CLINICAL PRACTICE II	() 3
VOG 699 MASTER'S RESEARCH  VOG 701 ADVANCES IN GYNAECOLOGY  VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE II	() 3
VOG 701 ADVANCES IN GYNAECOLOGY VOG 702 ADVANCES IN OBSTETRICS VOG 703 ADVANCES IN ANDROLOGY VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY VOG 705 ADVANCES IN SEMEN PRESERVATION VOG 706 CLINICAL PRACTICE I VOG 707 CLINICAL PRACTICE II	1 · ()
VOG 702 ADVANCES IN OBSTETRICS  VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE I  VOG 707 CLINICAL PRACTICE II	20
VOG 703 ADVANCES IN ANDROLOGY  VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE I  VOG 707 CLINICAL PRACTICE II	3 - [
VOG 704 ADVANCES IN REPRODUCTIVE BIOTECHNOLOGY  VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE I  VOG 707 CLINICAL PRACTICE II	2-1
VOG 705 ADVANCES IN SEMEN PRESERVATION  VOG 706 CLINICAL PRACTICE I  VOG 707 CLINICAL PRACTICE II	7-1
VOG 706 CLINICAL PRACTICE I VOG 707 CLINICAL PRACTICE II	I + I
VOG 707 CLINICAL PRACTICE II	1 · 1
	0 - 3
WALL TO SEE THE SECOND	()±3
VOG 790 SPECIAL PROBLEM	0 2
VOG 79 L DOCTORAL SEMINAR I	[ • ()
VOG 792 DOCTORAL SEMINAR II	1 + 0
VOG 799 DOCTORAL RESEARCH	45

## VETERINARY MICROBIOLOGY Course Structure – at a Glance

CODE	COURSE TITLE	CREDITS
VMC 601	BACTERIOLOGY I	3+1
VMC 602	BACTERIOLOGY - II	3+1
VMC 603	VETERINARY MYCOLOGY	1 - 1
VMC 604	GENERAL VIROLOGY	2.1
VMC 605	SYSTEMATIC ANIMAL VIROLOGY	3 - 1
VMC 606	PRINCIPLES OF IMMUNOLOGY	2 1
VMC 607	VACCINOLOGY	2 · 0
VMC 608	DIAGNOSTICS OF INFECTIOUS DISEASES	1+2
VMC 609	TECHNIQUES IN MICROBIOLOGY AND IMMUNOLOGY	() + 3
VMC 691	MASTER'S SEMINAR	1 . 0
VMC 699	MASTER'S RESPARCT	2()
VMC 701	ADVANCES IN BACTERIOLOGY	2:1
VMC 702	ADVANCES IN MYCOLOGY	2 + 1
VMC 703	BACTERIAL GENETICS	2+1
VMC 704	MICROBIAL TOXINS	2+1
VMC 705	MOLECULAR DETERMINANTS OF BACTERIAL PATHOGENESIS	2 · 1
VMC 706	ADVANCES IN VIROLOGY	2-1
VMC 707	MOLECULAR AND GENETIC ASPECTS OF VIRAL PATHOGENESIS	2.01
VMC 708	STRUCTURE FUNCTION RELATIONSHIP OF DNA AND RNA VIRUSES	3+0
VMC 709	ONCOGENIC VIRUSES	2 · 0
VMC 710	SLOW VIRAL INFECTIONS AND PRIONS	2.0
VMC 711	MOLECULAR IMMUNOLOGY	201
VMC 712	ADVANCES IN CELLULAR IMMUNOLOGY	2 + 1
VMC 713	CYTOKINES AND IMMUNOMODULATORS	2+0
VMC 714	ADVANCES IN VACCINOLOGY	2 :-0
VMC 715	ADVANCES IN IMMUNODIAGNOSTICS	1+1
VMC 716	MODERN IMMUNOTECHNOLOGY	1+2
VMC 717	CURRENT TOPICS IN INFECTION AND IMMUNITY	3 · 0
VMC 718	VETERINARY MICROBIAL BIO LECHNOLOGY	2 - 1
VMC 790	SPECIAL PROBLEM	0+2
VMC 791	DOCTORAL SEMINAR I	1.0
VMC 792	DOCTORAL SEMINAR II	1 - 0
VMC 799	DOCTORAL RESEARCH	45

## VETERINARY CLINICAL MEDICINE, ETHICS AND JURISPRUDENCE

### Course Structure - at a Glance

CODE	COURSE TITLE	CREDITS
VCM 601	RUMINANT CLINICAL MEDICINE -I	2 · ()
VCM 602	RUMINANT CLINICAL MEDICINE -II	2 = 0
VCM 603	EQUINE CLINICAL MEDICINE	20
VCM 604	CANINE AND FELINE CLINICAL MEDICINE	2 -()
VCM 605	SWINE CLINICAL MEDICINI	0
VCM 606	AVIAN MEDICINE	1-0
VCM 607	ZOO, WILD & LABORATORY ANIMAL MEDICINE	2 · 0
VCM 608	CLINICAL DISEASES OF ANIMAL SPECIES*OF REGIONAL IMPORTANCE	1 - 0
VCM 609	PRODUCTION DISEASES	20
VCM 610	DISEASES OF ANIMALS CAUSED BY TOXICANTS	1 0
VCM 611	VETERINARY FORENSIC MEDICINI	1.1
VCM 612	CLINICAL DIAGNOSTIC TECHNIQUES	0 · 2
VCM 613	VETERINARY EMERGENCY MEDICINE	0 . 2
VCM 614	CLINICAL PRACTICE I	0 · 3
VCM 615	CLINICAL PRACTICE II	0 - 3
VCM 691	MASTER'S SEMINAR	1 -0
VCM 699	MASTER'S RESEARCH	20
VCM 701	ADVANCES IN GASTROEN PROLOGY	2 -0
VCM 702	ADVANCES IN CARDIOPULMONARY MEDICINE	2.0
VCM 703	ADVANCES IN NEUROLOGICAL AND UROLOGICAL DISORDERS	2 ()
VCM 704	ADVANCES IN ENDOCRINE AND DERMATOLOGICAL DISORDERS	2+0
VCM 705	ADVANCES IN PRODUCTION DISEASES	2.0
VCM 706	ADVANCES IN PAEDIA FRICS AND GERIATRICS	1 0
VCM 707	ADVANCES IN VETERINARY DIAGNOSTICS	1.2
VCM 708	ADVANCES IN VETERINARY THERAPEUTICS	1 - 2
VCM 709	ADVANCED CLINICAL PRACTICE I	0.2
VCM 710	ADVANCED CLINICAL PRACTICE II	0.75
VCM 711	ADVANCED CLINICAL PRACTICE III	() · 2
VCM 790	SPECIAL PROBLEM	0-2
VCM 791	DOCTORAL SEMINAR I	1-0
VCM 792	DOCTORAL SEMINAR II	1.0
VCM 799	DOCTORAL RESEARCH	15

<sup>\*</sup>Domestic animals of regional importance e.g. Camel in Haryana, Yak in Eastern India, Elephant in South India

# VETERINARY SURGERY AND RADIOLOGY Course Structure – at a Glance

CODE	COURSE TITLE	CREDITS
VSR 601	PRINCIPLES OF SURGERY	2 · ()
VSR 602	CLINICAL PRACTICE I	0.3
VSR 603	CLINICAL PRACTICE - II	0-3
VSR 604	SMALL ANIMAL ANAESTHESIA	2 - 1
VSR 605	LARGE ANIMAL ANAESTHESIA	2:1
VSR 606	DIAGNOSTIC IMAGING TECHNIQUES	2-1
VSR 607	VETERINARY OPHTHALMOLOGY AND DENTISTRY	1:+1
VSR 608	SMALL ANIMAL SOFT TISSUE SURGERY	2 · 1
VSR 609	LARGE ANIMAL SOFT TISSUE SURGERY	2:1
VSR 610	ORTHOPAEDIC AND LIMB SURGERY	2 · 1
VSR 691	MASTER'S SEMINAR	1 · 0
VSR 699	MASTER'S RESEARCH	2()
VSR 701	CLINICAL SURGICAL PRACTICE	0-2
VSR 702	CLINICAL SURGICAL PRACTICE II	() - 2
VSR 703	CLINICAL SURGICAL PRACTICE - III	() - 2
VSR 704	ANAESTHESIA OF WILD AND LABORATORY ANIMALS	1-1
VSR 705	ADVANCES IN ANAESTHESIOLOGY	2-1
VSR 706	ADVANCES IN DIAGNOSTIC IMAGING TECHNIQUES	2-1
VSR 707	NEUROSURGERY	2.1
VSR 708	EXPERIMENTAL SURGICAL TECHNIQUES IN ANIMALS	[- ]:
VSR 789	SPECIAL PROBLEMS IN ANAESTHESIA	0-2
VSR 790	SPECIAL PROBLEMS IN SURGERY	0 +31
VSR 791	DOCTORAL SEMINAR I	10
VSR 792	DOCTORAL SEMINAR II	1 · ()
VSR 799	DOCTORAL RESEARCH	45

# ANIMAL NUTRITION Course Structure – at a Glance

CODE	COURSE TITLE	CREDITS
ANN 601	ANIMAL NUTRITION ENERGY AND PROTEIN	3+0
ANN 602	ANIMAL NUTRITION MINERALS, VITAMINS AND FEED ADDITIVES	3 i 1
ANN 603	FEED TECHNOLOGY	1 :-1
ANN 604	FEED CONSERVATION, STORAGE AND QUALITY CONTROL	2-1-2
ANN 605	RUMINANT NUTRITION	2:1
ANN 606	NON-RUMINANT NUTRITION	1 +1
ANN 607	NUTRITION OF COMPANION/LABORATORY. WILD AND ZOO ANIMALS	2+1
ANN 608	RESEARCH TECHNIQUES IN ANIMAL NUTRITION	1+3
ANN 609	NON CONVENTIONAL FEED STUFF AND TOXIC CONSTITUENTS/ANTIMETABOLITES IN ANIMAL FEEDSTUFF	2.1
ANN 691	MASTER'S SEMINAR	1-+-()
ANN 699	MASTER'S RESEARCH	20
ANN 701	MODERN CONCEPTS OF FEEDING RUMINANTS AND FORAGE UTILIZATION	3 :-()
ANN 702	MODERN CONCEPTS OF FEEDING MONOGASTRIC ANIMALS	2+0
ANN 703	NUTRITION AND RUMEN FERMENTATION	111
ANN 704	ADVANCES IN MICRONUTRIENTS	1:0
ANN 705	ADVANCED TECHNIQUES IN NUTRITION AND RESEARCH	1-12
ANN 706	ADVANCES IN FEED TECHNOLOGY	1+1
ANN 707	CLINICAL NUTRITION	1+1
ANN 708	NUTRIENT AND DRUG INTERACTION	2-1-0
ANN 709	NEW FEED RESOURCES AND TOXICANTS IN ANIMAL FEEDING	2-1-0
ANN 791	DOCTORAL SEMINAR I	1 +()
ANN 792	DOCTORAL SEMINAR II	1-1-0
ANN 799	DOCTORAL RESEARCH	45

### VETERINARY AND ANIMAL HUSBANDRY EXTENSION

### Course Structure -- at a Glance

CODE	COURSE TITLE	CREDITS
AHE.601	FUNDAMENTALS OF VETERINARY AND ANIMAL HUSBANDRY EXTENSION	2-1
AHII 602	COMMUNICATION FOR LIVESTOCK DEVELOPMENT	1-1
AHI: 603	DIFFUSION AND ADOPTION OF ANIMAL HUSBANDRY PRACTICES	2 1
AHE 604	EXTENSION TECHNIQUES AND AUDIO VISUAL AIDS	2.4
AHI= 605	ANIMAL HUSBANDRY PROGRAMME PLANNING AND EVALUATION	2* [
AHL: 606	RESEARCH METHODOLOGY IN VETERINARY AND ANIMAL HUSBANDRY EXTENSION	2-1
AHE 607	SOCIAL PSYCHOLOGY AND GROUP DYNAMICS	2 1
AHE 608	ANIMAL HUSBANDRY DEVELOPMENT PROGRAMMES	1 · ()
<b>AHE 609</b>	DEVELOPMENTS IN THE CONCEPT OF EXTENSION	1 · ()
AHE 610	HUMAN RESOURCE MANAGEMENT IN ANIMAL HUSBANDRY SECTOR	2-1
AHE 611	GENDER AND LIVESTOCK DEVELOPMENT	1-0
AHE 612	INFORMATION AND COMMUNICATION TECHNOLOGY INTO LIVESTOCK DEVELOPMENT .	1 · 1
AHE 691	MASTER'S SEMINAR	1.0
AHE 699	MASTER'S RESEARCH	20 -
AHE 701	ORGANIZA FIONAL MANAGEMENT	3 0
AHE 702	FARM JOURNALISM AND PUBLIC RELATIONS	2-1
ΛΗΙ: 703	ADVANCED RESEARCH TECHNIQUES IN SOCIAL RESEARCH	3+1
AHE 704	TRAINING FOR HUMAN RESOURCE DEVELOPMENT	2+1
AHE 705	POLICIES AND REGULATIONS IN LIVESTOCK SECTOR	2-()
ΛΗΕ 706	EDUCATIONAL TECHNOLOGY	2 1
ATH: 707	DYNAMICS OF CHANGE	2 = ()
AHE 708	ORGANIZATIONAL COMMUNICATION	2+1
AHE 790	SPECIAL PROBLEM	0.2
AHI: 791	DOCTORAL SEMINAR I	1±0
AHE 792	DOCTORAL SEMINAR II	[±()
 Λ111: 799	DOCTORAL RESEARCH	15

### COMPULSORY NON-CREDIT COURSES

(Compulsory for Master's programme in all disciplines; Optional for Ph.D. scholars)

CODE	COURSE TITLE	CREDITS		
PGS 501	LIBRARY AND INFORMATION SERVICES	0+1		
PGS 502	TECHNICAL WRITING AND COMMUNICATIONS SKILLS	0+1		
PGS 503 (e-Course)	INTELLECTUAL PROPERTY AND ITS MANAGEMENT	1+0		
PGS 506 (e-Course)	DISASTER MANAGEMENT	1+0		
Course Contents				

#### **PGS 501**

### LIBRARY AND INFORMATION SERVICES

0+1

#### Objective

To equip the library users with skills to trace information from libraries efficiently, to apprise them of information and knowledge resources, to carry out literature survey, to formulate information search strategies, and to use modern tools (Internet, OPAC, search engines etc.) of information search.

#### Practical

Introduction to library and its services; Role of libraries in education, research and technology transfer; Classification systems and organization of library; Sources of information- Primary Sources, Secondary Sources and Tertiary Sources; Intricacies of abstracting and indexing services (Science Citation Index, Biological Abstracts, Chemical Abstracts, CABI Abstracts, etc.); Tracing information from reference sources; Literature survey; Citation techniques/Preparation of bibliography; Use of CD-ROM Databases, Online Public Access Catalogue and other computerized library services; Use of Internet including search engines and its resources; eresources access methods.

#### TECHNICAL WRITING AND COMMUNICATIONS SKILLS 0+1PGS 502

### Objective

To equip the students/scholars with skills to write dissertations, research

To equip the students/scholars with skills to communicate and articulate in English (verbal as well as writing).

#### **Practical**

Technical Writing - Various forms of scientific writings- theses, technical papers, reviews, manuals, etc; Various parts of thesis and research communications (title page, authorship contents page, preface, introduction, review of literature, material and methods, experimental results and discussion); Writing of abstracts, summaries, précis, citations commonly used abbreviations in the theses and research communications; illustrations, photographs and drawings with suitable captions; pagination, numbering of tables and illustrations; Writing of numbers and dates in scientific write-ups; Editing and proof-reading; Writing of a review article.